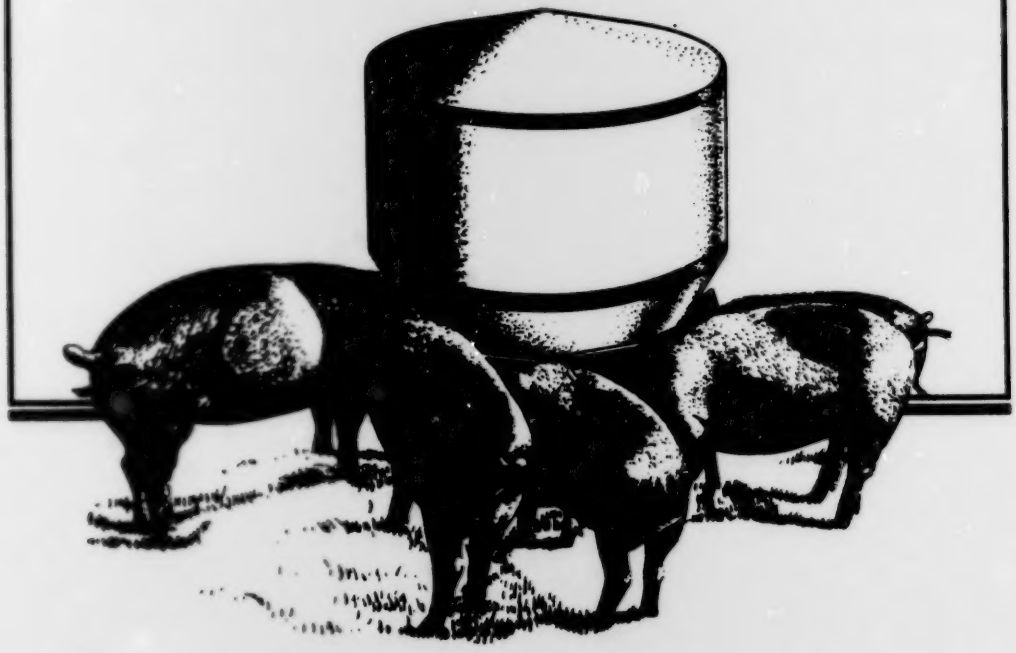
ECONOMICS of HOG FINISHING in ALBERTA 1981



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ECONOMICS OF FINISHING HOG PRODUCTION

IN ALBERTA, 1981

BY

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Alberta Agriculture
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SECTION I

INTRODUCTION

Background

The Production Economics Branch of Alberta Agriculture is responsible for providing Alberta Agriculture and farmers with timely and accurate production costs and returns information for all of the agricultural commodities grown in the province. In keeping with this responsibility, the branch initiated a three-year study of the economics of hog production in Alberta. The first hog report which was published in August 1982, described the 1980 production year of both farrow-finish and finishing hog production in Alberta[1]. The data collected for the 1981 production year, however, have been presented as two separate reports: farrow-finishing and finishing hog production. This report is restricted to finishing enterprises. The report pertaining to farrow-finish enterprises was published in August, 1983.

Objectives

The main purpose of this study is to provide an accurate account of input costs and the economics of hog production in Alberta. More specific objectives of the study are:

1. To determine the level of investment associated with hog production in Alberta;
2. To determine the different inputs used and the quantities required for hog production in Alberta;
3. To determine the costs/returns, profitability and relative productivity of hog production in Alberta;

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[1] C. Ross, Economics of Hog Production in Alberta, 1980, (Edmonton: Alberta Agriculture, August 1982) Agdex 821.11.

4. To provide a personal and detailed business analysis to each study participant, and to give him the opportunity to compare the performance of his hog enterprise with that of other producers within this region, and in the province as a whole.

Source of Data

A random selection of approximately 200 producer names was obtained from the Alberta Pork Producers' Marketing Board (APPMB). Over 180 commercial hog producers completed the study: 120 farrrow-finish and 62 finishing producers. It was from the 62 finishing producers that the primary data for this report were obtained.

Secondary data were obtained from the Annual Livestock Review published by Agriculture Canada, and statistical reports from Alberta Agriculture and the Alberta Pork Producers' Marketing Board.

Outline of Report

This 1981 report provides an overall provincial production profile with comparisons by region and size of enterprise. The report is divided into seven sections. Section II contains a more in-depth description of the survey and some general characteristics of the hog farms participating in the study. Some of the characteristics examined included the producer's age and farming experience, farm ownership, size of farm, death-loss and factors restricting size of operation. Section III provides a detailed analysis of production, describing the average number of head handled, the market weight and index of hogs, purchase weights, amount of feed used and feed conversion. Investment and labour costs are analyzed in Section IV. Investment costs consist of depreciation and long-term interest costs. Estimated feed costs and cash costs are presented in Section V. Section VI shows the summary of returns and costs for finishing enterprises. Returns over cash and net returns are also estimated in this section, followed by the overall summary and conclusion in Section VII.

A detailed inventory of fixed assets, their current market value, the associated depreciation, interest and operating costs are provided in Appendix A. Appendix B contains all of the estimates of returns and costs with the inputs used, and a summary of the productive performance of the hog enterprise.

SECTION II

SURVEY OF HOG PRODUCTION IN ALBERTA

Description of Survey

Seventy-five per cent of the hog producers who participated in the 1980 hog study agreed to provide data for the 1981 study year. These study participants were randomly selected from a list of hog producers who sold slaughter hogs through the Alberta Pork Producers Marketing Board (APPMB) in 1980. This stratified random sample allowed for regional and size differences among producers. Additional names for the 1981 production year were drawn from a producer list provided by the APPMB to bring the sample up to the desired size.

With the aid of field staff, producers were requested to complete a detailed questionnaire. The questionnaire was designed to obtain information on size of enterprise, feed rations and costs, labour use, investment inputs and costs, other costs, production, sales/receipts, and some characteristics of finishing farms.

As previously mentioned, 62 usable questionnaires were processed for the 1981 production year, three more than in 1980. In return, each study participant received a detailed analysis of the capital assets, production inputs, actual production, production costs and returns for his individual hog operation. The participant was then encouraged to compare the analytical results of his own hog operation with the group averages for the different regions, different sizes of operation and the provincial average.

For the purpose of this study, seven production regions were identified (Figure 1). The sample distribution by production region is given in Table 1. Approximately three per cent of the participants came from Region I, 26 per cent from Region II, 16 per cent each from Regions III and IV, 15 per cent from Region V, 13 per cent from Region VI, and 11 per cent from Region VII.

The sample distribution by number of slaughter hogs marketed is shown in Table 2. Over one-third of the participants marketed 500 to 999 hogs per year, and 19 per cent each marketed 200 to 499 and 1,000 to 1,499 hogs per year.

Figure 1

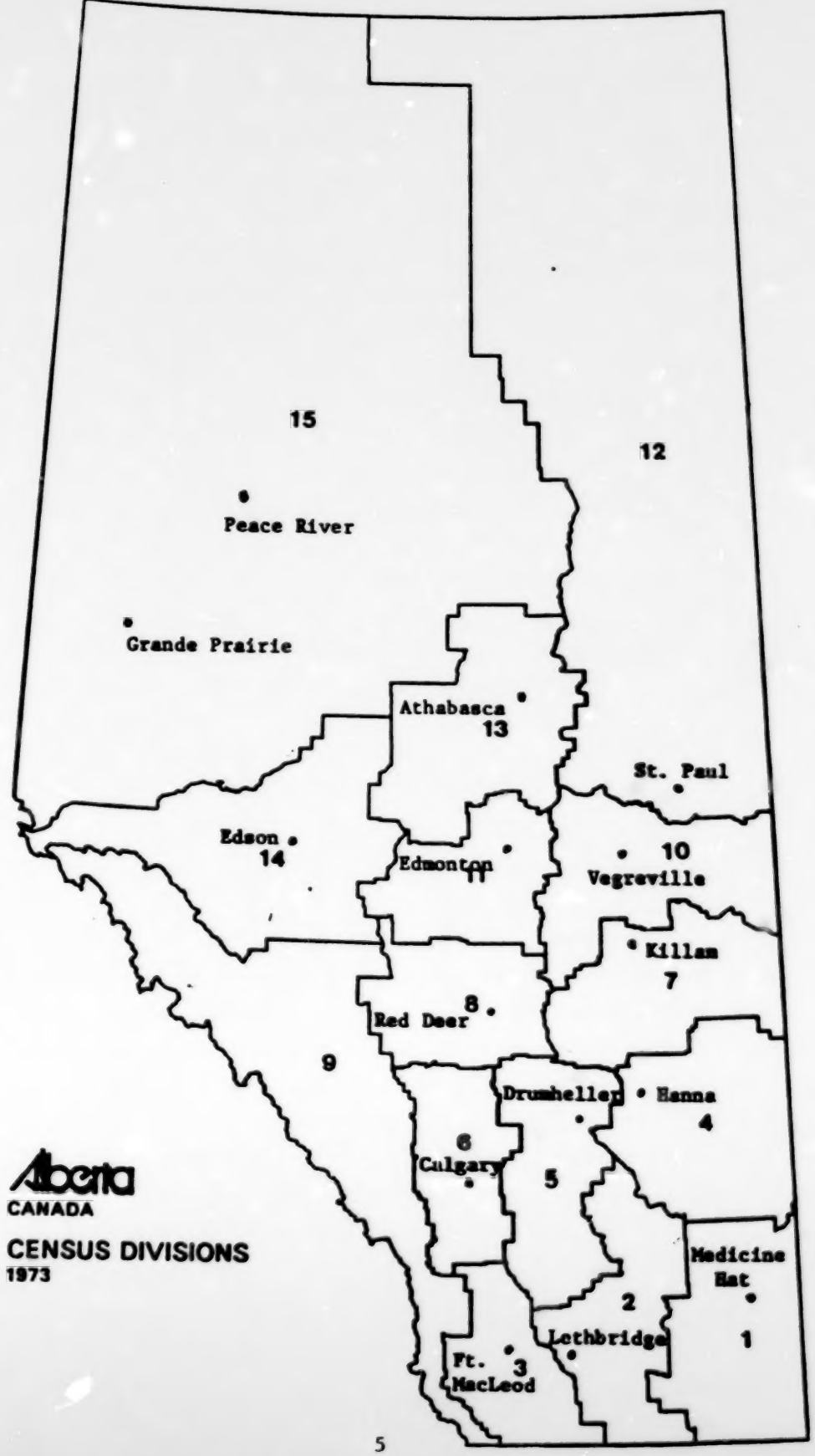
15
12
Peace River
Grande Prairie
Athabasca
13
St. Paul
Edson
14
Edmonton
11
10
Vegreville
Killam
7
8
Red Deer
9
Drumheller
Hanna
4
6
Calgary
5
Medicine Hat
2
Lethbridge
1
Ft. MacLeod
3
Alberta
CANADA
CENSUS DIVISIONS
1973

TABLE 1: DISTRIBUTION OF NUMBER OF STUDY PARTICIPANTS BY REGION, 1981

Region	Census Division	Production Area	No. of Records
I	1, 4	Medicine Hat/Hanna	2
II	2, 5	Lethbridge/Drumheller	16
III	3, 6, 9	Calgary/Ft. Macleod/Rocky Mt. Hse.	10
IV	7, 10	Vegreville/Killam	10
V	8, 11	Edmonton/Red Deer	9
VI	12, 13, 14	Edson/Athabasca/St. Paul	8
VII	15	Peace River	7
ALBERTA			62

TABLE 2: DISTRIBUTION OF NUMBER OF STUDY PARTICIPANTS BY SIZE OF MARKETING, 1981

Size Class	Number of Records
<100	2
100- 199	10
200- 499	12
500- 999	21
1000-1499	12
≧1500	5
ALBERTA	62

Some Characteristics of Finishing Farms

Age and Hog Farming Experience

The average age of finishing hog producers who participated in the 1981 survey was 41 years. The average age varied from 38 years in Regions III and IV to over 52 years in Region I. Regions VI, V, VII and II reported average ages of 39, 40, 42 and 44 years, respectively. The youngest producers, averaging 35 years of age, were found on farms marketing 1,500 hogs or more per year. Operators marketing fewer than 100 hogs averaged just over 38 years of age, while the average age of producers marketing 100 to 1,499 hogs per year varied between 41 and 43.

The average years of farming experience of finishing producers was about 17 years, of which 13 years were strictly related to hog farming. The years of hog farming experience varied among regions from about 9 years in Region VII up to 19.5 years in Region I. On average, the producers on the largest hog farms had the least number of years of hog farming experience, 5.5 years, compared with 13 years or more for producers marketing fewer than 1,500 hogs per year.

Ownership

Over 74 per cent of the finishing farms studied were listed as single proprietorships, 19.4 per cent as partnerships and 6.5 per cent as corporations. All of the farms in Region 1 were single proprietorships while farms in Regions II, III and VII reported all three types of ownership. Corporations were more prevalent in Regions II and III. However, only farms marketing 500-999 hogs listed corporations. The largest and smallest hog farms, that is, those marketing fewer than 100 hogs and those marketing 1,500 hogs or more per year, were predominantly single proprietorships.

Farm Size

The average acreage farmed by finishing hog producers was 757 acres. Sixty-seven per cent of this land was deeded and 33 per cent was leased or rented. Operators also reported that 80 per cent of the land was developed.

Region III reported the largest size of farms averaging 1,005 acres, of which 79 per cent was developed and 51 per cent was deeded. Region I reported the smallest farms averaging 207 acres, 97 per cent of which was developed and 100 per cent deeded. Farms in Regions II, IV, V, VI and VII reported average acreages of 625, 708, 738, 769 and 800 acres, respectively. All of the farm land in Region VII was deeded.

An inverse relationship seemed to exist between average farm size and size of hog operation. As acreage size increased, the size of the hog operation tended to decrease. For example, farms marketing fewer than 100 hogs were largest, averaging 1,050 acres, of which 60 per cent was developed and 100 per cent deeded. In contrast, farms marketing 1,500 hogs or more per year had an average of only 474 acres per farm. Ninety-eight per cent of the latter acres was developed and about 35 per cent deeded. Farms marketing 500 to 999 hogs averaged 861 acres, with 84 per cent developed and 64 per cent deeded.

Participants on the study indicated that hog receipts made up approximately 68.3 per cent of total farm receipts. The average farm receipt was about $199,080. Total farm assets was estimated at $1,103,183 per farm, with owner equity placed at 88.5 per cent. Total loans amounted to $144,089 per farm with long-term loans accounting for 45 per cent of the total indebtedness.

Farmers in Regions II and III recorded the highest farm asset values of $1,616,051 and $1,334,485 per farm, respectively. The lowest asset value of $667,445 per farm was reported in Region I. The average debt load varied from five per cent of total assets in Region I to 20 per cent in Regions IV and VI.

Farmers marketing 500 to 999 hogs per year reported the highest farm asset value, averaging $1,460,105 per farm with an average indebtedness of $132,321 per farm or 9.1 per cent of total assets. With the exception of this size class, the proportion of indebtness generally increased as

the size of hog operation increased. The lowest asset value of $303,650 per farm was reported by farmers marketing fewer than 100 hogs.

Death-loss

The total death-loss on finishing farms in 1981 was 3.3 per cent, corresponding to about 40 weaner and grower deaths per farm. Pneumonia was the most commonly reported cause of weaner death-loss (25 per cent), followed by scours and stress, each listed at about 19 per cent, and heart attack at about six per cent of the total weaner pig death-loss. Thirty-one per cent of weaner death-loss was attributed to a variety of causes, some of which were not identified. Six per cent of the operators indicated they had no weaner death-loss.

As with weaner pigs, pneumonia was also the main reported cause of grower pig death-loss (34 per cent). Heart attacks were responsible for 12 per cent of death-loss in grower hogs; fighting accounted for 10 per cent; scours and erysipelas each accounted for six per cent; and stress, accidents, and runts were each responsible for four per cent of the death-loss in grower pigs. A variety of causes was reported for 16 per cent of grower death-losses while the causes of four per cent of the deaths were not known.

Restrictions to Size

Producers were asked to list the major factors that restricted or limited the size of their hog enterprise. Twenty-nine per cent listed availability of labour as the major restriction to growth of their hog enterprise and 21 per cent indicated that returns to hogs were insufficient to warrant expansion. The size of existing facilities was listed by 15.5 per cent of the respondents as a major impediment to growth. Almost 10 per cent of the producers felt that lack of finance and the risks involved in financing were major restrictions, and seven per cent indicated that the availability of a reliable weaner pig supply was their limiting factor. Availability of land and a good water supply were each

listed by 3.4 per cent of the producers, while nine per cent of the producers listed a variety of other factors. Over three per cent of the finishing operators had no desire to expand their operations.

SECTION III

HOG PRODUCTION AND SIZE OF ENTERPRISE

The average finishing enterprise in the study handled 1,174 pigs in 1981, up almost 400 head from the 1980 study. Weaners were purchased at an average weight of 41 pounds and finished at 212 pounds live weight. Market hogs dressed out at 166.4 pounds corresponding to a dressing per cent of 78.5 and average index of 101.9 (Table 3). Survey results of finishing enterprises in 1980 found that the average dressing per cent of market hogs on finishing farms was 78.9 per cent with an average carcass weight of 169.9 pounds, indexed at 102.0.[1] The 1981 provincial average for all market hogs sold through the APPMB was 168.4 pounds dressed, indexed at 101.9.[2]

Total death-loss averaged 3.3 per cent in 1981, almost one per cent greater than that reported for 1980. Approximately 623 hog equivalents or 1,037.6 hundredweight of dressed pork was produced on the average hog finishing farm. A hog equivalent represents a hypothetical market hog with the same hot carcass weight as the hogs which were actually marketed.

Fifty-four per cent of the total feed used by finishing enterprises was reported as home-grown, with the remaining 46 per cent purchased off the farm. Grain, primarily barley, comprised almost 59 per cent of the total feed used; the remaining 41 per cent consisted of purchased rations, supplements and other feed ingredients.

The average finishing operator used about 876.6 pounds of feed to finish a hog to market weight of 166.4 pounds dressed or 212 pounds live. The average operation required 4.1 pounds of feed per pound of live weight produced or 5.2 pounds of feed per pound of dressed weight produced.

Finishing enterprises in Region VII reported the lowest death-loss of 1.3 per cent in 1981 compared with 3.5 and 3.6 per cent in Regions II and I, respectively. The highest death-loss was experienced in Region IV

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1 Ibid p. 22

2 APPMB reported that 1,465,366 hogs were marketed in 1981.

TABLE 3: SUMMARY OF PRODUCTION FOR FINISHING ENTERPRISES BY REGION, ALBERTA, 1981

	Region							Alberta
	I	II	III	IV	V	VI	VII	
Head Handled	1474.5	1255.9	1025.6	1360.1	909.3	1603.4	693.4	1173.6
Death-loss %	3.6	3.5	1.9	6.3	2.5	2.3	1.3	3.3
Cwt Live Wt. Prod.(1)	1671.0	1427.7	1087.4	1586.1	1072.4	1685.7	838.7	1321.4
Avg. Dress %	78.0	78.6	79.2	78.4	78.8	78.0	78.0	78.5
Cwt. Drs. Wt. Equiv.	1302.7	1122.5	861.6	1244.3	845.5	1314.8	654.2	1037.6
Lb Drs. Wt./Hog	166.4	166.3	167.6	169.0	169.7	161.5	165.0	166.4
Weaners Buy Wt.	33.4	44.0	42.6	33.2	43.5	46.3	40.5	40.7
No. Hog Eq.(2)	782.6	675.1	514.2	736.4	498.4	814.2	396.4	623.5
Average Index	101.3	102.5	102.7	101.1	101.6	101.3	102.4	101.9
Average Feed Conv.*	3.8	3.8	4.0	4.2	4.4	4.5	4.3	4.1
Lb Avg. Dly. Gn.	1.0	1.1	0.9	1.0	1.0	1.0	1.1	1.0
Avg. Days on Feed	213.0	187.4	240.2	218.3	212.8	214.8	184.8	208.7
Lb Feed/Hog Equiv.(3)	807.3	804.9	854.9	914.0	938.8	927.6	915.3	876.6

*Average Feed Conversion = $\frac{\text{Total Feed Used}}{(1) \times 100} = \frac{(2) \times (3)}{(1) \times 100}$

at 6.3 per cent. Death-loss in the other three regions ranged between 1.9 per cent in Region III and 2.5 per cent in Region V.

The average number of head handled varied according to region, with the southern regions generally handling a greater number of hogs. The only exception to this generalization was Region VI which reported the most number of hogs per farm, 1,603 head. The southern regions - I, II, and III - averaged 1,475, 1,256 and 1,026 head, respectively. Region IV had 1,360 head per farm while farms in Regions V and VII handled 909 and 693 head per farm, respectively.

Average carcass weight was down from 1980 in all seven production regions. This decline was greatest in Region I, down 11.7 pounds to 166.4 pounds. The average carcass weight ranged from about 161.5 pounds in Region VI to 169.7 pounds in Region V. Regions I and II recorded average carcass weights of just over 166 pounds; Regions III, IV and VII had 167.6, 169.0 and 165.0 pounds, respectively.

The dressing out percentage ranged from an average of 78.0 per cent in Regions I, VI and VII to 79.2 per cent in Region III. The range in dressing out percentage showed less variation among regions in 1981 than in 1980 (77.4 per cent to 79.6 per cent).

Hog production per farm was greater in the 1981 production year than in 1980. Except for Region III, all regions showed an increase. The number of hog equivalents dropped in Region III by 23 hog equivalents to 514 per farm. Region VI farms reported the highest average production of 814 hog equivalents per farm, while the lowest production of 396 and 498 hog equivalents per farm was recorded in Regions VII and V respectively.

The average index of the hogs marketed did not vary much between regions, from a low of 101.1 in Region IV to a high of 102.7 in Region III. The 1980 production year had a four point difference between regions. Only Regions II, III and VII had average indices above the provincial average of 101.9.

On average, the farms in the south were found to have the best feeding efficiencies. The amount of feed used per hog equivalent rose from between 805 and 855 pounds in the south to 939 pounds and 928 pounds in Regions V and VI, respectively (Table 3). Regions IV and VII reported using between 914 and 915 pounds of feed per hog equivalent.

Finishing hog farms in the southern regions produced less of the feed ingredients used in hog rations than farms in the other regions. Regions I, II and III produced, respectively, 5.4 per cent, 23.2 per cent and 44.5 per cent of the feed used in the enterprise, compared with 76.3 per cent, 82.8 per cent, 70.1 per cent and 62.9 per cent in Regions IV, V, VI and VII, respectively. The northern regions, in turn, reported lower feed efficiencies, requiring 4.2 to 4.5 pounds of feed to produce one pound of live weight or 5.4 to 5.8 pounds of feed per pound of dressed weight produced. Regions I, II and III reported the best feeding efficiency of 3.8 to 4.0 pounds of feed per pound of live weight produced or 4.8 to 5.0 pounds of feed per pound of dressed pork produced.

The average days on feed was calculated from information on opening and closing inventories, weaner/feeder purchase dates, death-loss, and the sale dates of market hogs. Over 208 days were required to produce a hog equivalent of 166.4 pounds dressed. Farms in Regions II and VII reported fewer days on feed than the Alberta average -187.4 days in Region II and 184.8 days in Region VII (Table 3). As such, these two regions had estimated average daily gains of 1.1 pounds. The estimated daily gain declined to 1.0 pound in Regions I, IV, V and VI, and to 0.9 pound in Region III. The calculated average days on feed, excluding Regions II and VII, ranged from 213 days per hog equivalent in Regions I and V, to 240 days in Region III.

By definition, the number of hogs handled by finishing enterprises increased with the number of hogs marketed. Hogs handled climbed from 82 per farm on farms marketing fewer than 100 hogs per year to 3,949 hogs on farms marketing at least 1,500 hogs per year.

Larger finishing enterprises tended to purchase lighter weaners, 38 to 40 pounds, than smaller finishing enterprises, 41 to 45 pounds. The highest death-loss of 5.6 per cent was reported on those farms marketing 1,500 hogs or more per year. Farms marketing fewer than 100 market hogs recorded death-losses of 3.7 per cent, while those marketing 100 to 1,499 hogs experienced death-losses averaging between two and three per cent (Table 4).

The dressing out percentage and average index tended to increase with the size of the finishing enterprise. Dressing out percentage rose from 75.9 per cent on farms marketing fewer than 100 hogs per year to

TABLE 4: SUMMARY OF PRODUCTION FOR FINISHING ENTERPRISES BY SIZE, ALBERTA, 1981

	Size Class						Alberta
	<100	100-199	200-499	500-999	1000-1499	≥1500	
Head Handled	82.0	235.8	512.5	1073.8	1816.7	3948.6	1173.6
Death-loss %	3.7	2.5	2.6	2.3	2.6	5.6	3.3
Cwt Live Wt. Prod.(1)	114.6	262.7	513.8	1254.7	2047.7	4397.3	1321.4
Avg. Dress %	75.9	78.2	78.0	78.8	78.8	78.1	78.5
Cwt. Drs. Wt. Equiv.	87.0	205.5	400.6	988.7	1613.9	3433.1	1037.6
Lb Drs. Wt/Hog	166.4	170.2	166.5	166.6	167.1	165.0	166.4
Weaners Buy Wt.	44.9	44.0	41.5	42.4	37.7	40.3	40.7
No. Hog Eq.(2)	52.3	120.8	240.5	593.6	966.0	2081.1	623.5
Average Index	98.0	100.0	100.8	101.8	103.0	101.5	101.9
Average Feed Conv.*	6.8	5.2	5.7	4.1	3.9	3.8	4.1
Lb Avg. Dly. Gn.	0.7	0.9	0.9	1.1	1.0	1.0	1.0
Avg. Days on Feed	298.7	241.7	243.8	188.9	210.1	216.3	208.7
Lb Feed/Hog Equiv.(3)	1500.1	1138.3	1207.1	865.5	830.1	812.9	876.6

*Average Feed Conversion $= \frac{\text{Total Feed Used}}{(1) \times 100} = \frac{(2) \times (3)}{(1) \times 100}$

78.8 per cent on farms marketing 500 to 1,499 hogs per year. Similarly, the average index increased from 98.0 on farms marketing fewer than 100 hogs per year to 103.0 on farms marketing 1,000 to 1,499 hogs per year. The average index for the largest finishing enterprises (1,500 hogs or more) was 101.5, with a dressing percentage of 78.1.

The proportion of home-grown feed used in rations declined as the enterprise increased in size. The percentage of home-grown feed dropped from nearly 100 per cent on farms marketing fewer than 100 hogs, to 29 per cent on farms marketing 1,000 to 1,499 hogs, and 32 per cent on farms marketing 1,500 hogs or more. Farms marketing 500 to 999 market hogs per year produced on their farm about one-half of the feed ingredients required by the hog enterprise.

Feeding efficiency increased significantly as the size of the finishing operation increased, rising from 1,500 pounds per hog equivalent on farms marketing fewer than 100 hogs per year to 813 pounds on farms marketing 1,500 hogs or more per year (Table 4). Similarly, average feed conversion improved from 6.8 pounds of feed per pound of live weight gained on finishing farms marketing fewer than 100 hogs per year, to 3.8 pounds of feed per pound of live weight produced on finishing farms marketing 1,500 or more hogs per year. Those farms marketing 500 to 999 hogs per year reported using 866 pounds of feed per hog equivalent or 4.1 pounds of feed per pound of live weight produced. The estimated daily gain rose from 0.7 pound on the smallest finishing farms to 1.1 pounds on farms marketing 500 to 999 hogs per year. For farms marketing 1,000 hogs or more per year, an estimated average daily gain of 1.0 pound was observed.

SECTION IV

ANALYSIS OF INVESTMENT AND LABOUR COSTS

Current Market Value of Fixed Assets

To determine the current market value of fixed assets, participants were asked to provide a complete inventory of the farm assets associated with their finishing enterprise indicating the purchase price or replacement cost, the remaining years of useful life, percentage of use to the hog enterprise, and the annual repair and operating costs. If the current market value was unknown, participants were asked to indicate the year that the asset was purchased or built, years of remaining life and the replacement cost.

The average finishing enterprise reported a current market value of fixed assets of $72,443 per farm for the 1981 production year. This value was 66 per cent above the estimated market value for 1980 and was due in part to a reduction in the number of small hog enterprises operating in 1981, and partly to an increase in the proportion of larger finishing enterprises on study. Although there was a marked increase in average investment on farms in 1981 over 1980, the proportional distribution of this investment among buildings and equipment, manure storage and handling, feed storage and equipment, machinery and other equipment, and land remained relatively unchanged from 1980. Sixty-two per cent of the total investment was allocated to buildings and equipment, 18 per cent to machinery and other equipment, 11 per cent to feed storage and equipment, five per cent to manure storage and handling, and four per cent to land.

Farms in Region IV indicated the highest investment in hogs of $123,134 per farm (Table 5). Of this total investment, 63 per cent was allocated to buildings and equipment, 16 per cent to machinery and other equipment, 12 per cent to feed storage and equipment, six per cent to manure storage and handling, and three per cent to land. Total investment was lowest in Region VII at $26,473 per farm. This latter region had a proportionately lower investment in buildings and equipment, and manure storage and handling (39.7 per cent and 3.0 per cent) but a higher

TABLE 5: CURRENT MARKET VALUE OF FIXED ASSETS FOR FINISHING ENTERPRISES BY REGION, ALBERTA, 1981

Region	Buildings & Equipment	Manure Storage & Handling	Feed Storage & Equipment	Machinery & Other Equipment	Land	Total
			Dollars			
I	27500	2750	4750	19190	2250	56440
II	40199	5173	4429	10919	2463	63182
III	44441	1631	5380	9023	2610	63085
IV	77006	7038	15304	20132	3655	123134
V	32617	2747	9900	10930	2908	59103
VI	64828	4975	10136	15928	2663	98530
VII	10500	804	4326	9679	1164	26473
ALBERTA	45135	3953	7866	12874	2616	72443

proportion was invested in feed storage and equipment, machinery and other equipment, and land. For the other regions, total investment ranged from $56,440 per farm in Region I to $98,530 per farm in Region VI.

Total investment per hog enterprise increased steadily as the size of the enterprise increased from $14,973 on farms marketing fewer than 100 market hogs to $287,779 on farms marketing 1,500 or more market hogs per year (Table 6). Farms marketing between 500 and 999 market hogs per year had hog investment of $69,463 per farm, slightly below that of the provincial average. On those farms marketing 500 to 999 hogs, 62 per cent of the investment was allocated to buildings and associated equipment, 18 per cent to machinery and equipment, 10 per cent to feed storage and feeding equipment, six per cent to manure storage and handling, and four per cent to land.

Depreciation

Depreciation costs on buildings, machinery and equipment are fixed, because they do not change in the short run or with the number of hogs produced. Depreciation as such, is considered a non-cash cost. For the purpose of this study, depreciation is calculated using the straight line method.

$$\text{Depreciation} = \frac{\text{Current Market Value - Salvage Value}}{\text{Years Remaining Life}}$$

Salvage value is calculated as 10 per cent of current market value. As can be seen from the above equation, the amount of depreciation on an asset is inversely related to the years of remaining life of that asset. In other words, the greater the number of years of life remaining, the lower is the depreciation.

The average annual depreciation on finishing farms in 1981 was $5,014. This cost represented about seven per cent of the average investment and about five per cent of the total production costs. Of the

TABLE 6: CURRENT MARKET VALUE OF FIXED ASSETS FOR FINISHING ENTERPRISES BY SIZE, ALBERTA, 1981

Size Class	Buildings & Equipment	Manure Storage & Handling	Feed Storage & Equipment	Machinery & Other Equipment	Land	Total
			Dollars			
<100	2505	113	2950	6407	3000	14973
100- 199	6635	421	3084	3539	2163	15840
200- 499	13662	3017	5018	9007	2171	32874
500- 999	43234	4056	7050	12424	2700	69463
1000-1499	51991	2817	8829	18098	2517	84251
≧1500	206247	17100	27346	32766	4320	287779
ALBERTA	45135	3953	7866	12874	2616	72443

total depreciation, 49 per cent was charged to buildings and associated equipment, 29 per cent to machinery and other equipment, 13 per cent to feed storage and equipment, and eight per cent to manure storage and handling.

Region VII, with the lowest investment in finishing enterprises, recorded the lowest depreciation of $2,770 per farm, compared with a high of $7,963 per farm in Region VI, and $7,389 per farm in Region IV (Table 7).

Average annual depreciation on fixed assets increased directly as the size of the enterprise increased. Depreciation on finishing farms rose from $1,072 per farm, on farms marketing fewer than 100 hogs per year, to $4,971 and $17,266 per farm on farms marketing 500 to 999, and 1,500 or more hogs per year, respectively (Table 8).

TABLE 7: AVERAGE ANNUAL DEPRECIATION ON FIXED ASSETS FOR FINISHING ENTERPRISES BY REGION, ALBERTA, 1981

Region	Buildings & Equipment	Manure Storage & Handling	Feed Storage & Equipment	Machinery & Other Equipment	Total
	- Dollars -				
I	1312.50	281.25	427.50	1204.91	3226.16
II	2482.89	566.79	348.05	1114.39	4512.11
III	2324.63	155.34	341.47	941.24	3762.68
IV	3410.34	554.66	1061.65	2361.93	7388.57
V	1825.88	269.93	852.59	1229.47	4177.88
VI	3734.83	640.81	1264.71	2323.07	7963.42
VII	1070.33	129.81	360.74	1209.15	2770.03
ALBERTA	2475.88	406.38	657.60	1473.96	5013.83

TABLE 8: AVERAGE ANNUAL DEPRECIATION ON FIXED ASSETS FOR FINISHING ENTERPRISES BY SIZE, ALBERTA, 1981

Size Class	Buildings & Equipment	Manure Storage & Handling	Feed Storage & Equipment	Machinery & Other Equipment	Total
	- Dollars -				
< 100	142.84	10.12	152.41	766.80	1072.18
100- 199	593.75	62.22	251.31	511.64	1418.93
200- 499	1214.40	262.35	483.11	1080.87	3040.73
500- 999	2576.21	415.67	672.63	1306.12	4970.63
1000-1499	2820.29	323.82	728.57	1737.43	5610.13
≧1500	8952.91	1758.00	1857.57	4697.49	17265.97
ALBERTA	2475.88	406.38	657.60	1473.96	5013.83

Interest Costs of Fixed Assets

The interest or opportunity cost of fixed assets was calculated on the average value of the assets, using a long term interest rate of 15 per cent. Average value is defined as:

$$\text{Average Value} = \frac{\text{Current Market Value} + \text{Salvage Value}}{2}$$

As with depreciation, annual interest cost was directly related to the level of investment. The interest cost of fixed assets for the average finishing enterprise in Alberta was $6,185 per farm. This estimated interest cost was almost double that which was reported for the 1980 production year, and was mainly due to the proportionately larger enterprises reporting, and the higher interest rate charged. Buildings and building equipment cost of $3,724 per farm, represented 60 per cent of the total interest cost, followed by machinery and other equipment at 17 per cent, feed storage and equipment at 10.4 per cent, land at seven per cent and manure storage and handling at six per cent. It should be mentioned that total interest cost represented 5.7 per cent of the total production costs (Table 9).

Region IV reported the highest interest cost of $10,554 per farm, followed by Region VI with an annual interest cost of $8,308 per farm. In contrast, Region VII which recorded the lowest investment per farm, had the lowest annual interest cost of $2,263 while Regions I, II, III and V had interest costs which ranged between $4,808 and $5,381 per farm.

As was expected, the annual interest cost increased as the size of finishing enterprise increased. It climbed from $1,438 per farm for those farms marketing fewer than 100 hogs to $24,236 per farm for farms marketing 1,500 hogs or more in 1981 (Table 10). These interest costs represented 11.2 and 6.6 per cent, respectively, of total production cost. Farms marketing 500 to 999 hogs had interest costs of $5,923 per farm, an amount which accounted for 5.8 per cent of total production costs.

The interest cost of fixed assets is a non-cash cost and appears as such in the cost summary.

TABLE 9: AVERAGE ANNUAL INTEREST COST OF FIXED ASSETS FOR FINISHING ENTERPRISES BY REGION, ALBERTA, 1981

Region	Buildings & Equipment	Manure Storage & Handling	Feed Storage & Equipment	Machinery & Other Equipment	Land	Total
	- Dollars -					
I	2268.75	226.87	391.87	1583.17	337.50	4808.17
II	3316.43	426.74	365.38	906.30	369.37	5384.20
III	3666.36	134.56	443.84	744.41	391.50	5380.68
IV	6352.94	728.86	1262.58	1660.88	548.25	10553.51
V	2690.88	260.35	816.82	911.55	436.25	5115.84
VI	5348.39	410.44	836.20	1314.05	399.37	8308.45
VII	866.19	66.35	356.91	798.55	174.64	2262.65
ALBERTA	3723.57	354.95	648.92	1064.94	392.36	6184.74

TABLE 10: AVERAGE ANNUAL INTEREST COST OF FIXED ASSETS FOR FINISHING ENTERPRISES BY SIZE, ALBERTA, 1981

Size Class	Buildings & Equipment	Manure Storage & Handling	Feed Storage & Equipment	Machinery & Other Equipment	Land	Total
	- Dollars -					
< 100	206.58	9.28	243.33	528.62	450.00	1437.81
100- 199	547.29	34.69	254.43	291.95	324.37	1452.74
200- 499	1127.08	288.06	413.93	743.09	325.62	2897.78
500- 999	3566.79	344.22	581.62	1024.98	405.00	5922.61
1000-1499	4289.26	240.81	728.42	1507.65	377.50	7143.64
≥1500	17015.36	1613.25	2256.04	2703.19	648.00	24235.85
ALBERTA	3723.57	354.95	648.92	1064.94	392.36	6184.74

Labour Use And Costs

The operator and his family are the primary source of labour on the family farm. If the family farm is to survive over time, the farm business must generate sufficient cash returns to cover the living costs of the farm family.

On average, finishing enterprises utilized 1,082 hours of labour per farm in 1981, up 37 per cent from 1980. This increase may be attributed mainly to the reduction in the number of smaller enterprises operating in the province, as well as, to the harsh winter experienced in 1981 which forced many producers to spend more time running their enterprises. Over 87 per cent of the total labour reported was provided by the operator himself, 6.9 per cent came from the family, and 5.8 per cent was from hired help. The average Alberta finishing enterprise allocated approximately 40 per cent of all labour to feeding and feed preparation, 22 per cent to cleaning and manure disposal, 16 per cent to buying and marketing, nine per cent to maintenance and repair of buildings and equipment, eight per cent to moving and sorting, and five per cent to management and record keeping.

Total operator labour per farm was 944 hours (Table 11). About 41 per cent of the operator's labour was spent feeding and preparing feed, 22 per cent cleaning and manure disposal, 17 per cent buying and marketing hogs, nine per cent on maintenance and repairs, six per cent moving and sorting, and five per cent on management and record keeping.

The total family labour on the average farm was about 75 hours (Table 11). Of this total, 34 per cent was allocated to feeding and feed preparation, 24 per cent to cleaning and manure disposal, 17 per cent to buying and marketing, 13 per cent to moving and sorting, seven per cent to management and record keeping, and five per cent to repairs of building and equipment.

The total hired labour on the average enterprise was just over 63 hours. Thirty-five per cent of the hired labour was allocated to feeding and feed preparation, 23 per cent to cleaning and manure disposal, 20 per cent to moving and sorting, 13 per cent to building and equipment repairs, and eight per cent to buying and marketing. The breeding and

TABLE 11: ALLOCATION OF LABOUR ON FINISHING ENTERPRISES, ALBERTA, 1981

	Feeding & Feed Prep.	Breeding & Farrowing	Cleaning & Manure Disp.	Moving & Sorting	Buying & Marketing	Repairs Bldg. Equip.	Mangt. & Records	TOTAL
	- Hours (Percent) -							
Operator	387.27 (35.80)	n.a.	207.10 (19.14)	61.29 (5.67)	159.95 (14.78)	81.56 (5.67)	46.55 (4.30)	943.73 (87.23)
Family	25.31 (2.34)	n.a.	18.31 (1.69)	9.35 (0.86)	13.03 (1.20)	3.44 (0.32)	5.50 (0.51)	74.94 (6.93)
Hired	21.90 (2.02)	1.45 (0.13)	14.35 (1.33)	12.65 (1.17)	4.94 (0.46)	7.90 (0.73)	0.00 (0.00)	63.19 (5.84)
ALBERTA	434.48 (40.16)	1.45 (0.13)	239.76 (22.16)	83.29 (7.69)	177.92 (16.44)	92.90 (8.58)	52.05 (4.81)	1081.86 (100.00)

farrowing activities recorded in the table, occurred on those farms which maintained small breeding herds, despite being predominantly hog finishing enterprise.

Total labour use on finishing enterprises in 1981 varied among regions, ranging from 836.32 hours per farm in Region II to 1,507 hours per farm in Region VI (Table 12). To obtain a better perspective of labour use on farms, labour was also expressed relative to dressed pork produced. It was discovered that generally the southern regions reported lower labour use per hundredweight of dressed pork produced. Farmers in the southern regions reported 0.75 to 1.09 hours per hundredweight of dressed pork produced compared with Regions VI and VII which indicated 1.15 and 1.8 hours, respectively, per hundredweight of dressed pork produced. Regions IV and V indicated usage of 1.08 hours per hundredweight of dressed pork produced. Although total labour use was up 37 per cent over 1980, the average labour use per hundredweight of dressed pork produced on finishing enterprises in Alberta was 1.04 hours, a decline of three per cent from the 1980 production year.

As the size of finishing enterprises increased, total labour hours also increased. However, labour use per hundredweight of dressed pork produced declined as the size of the hog operation increased. Those farms marketing fewer than 100 hogs reported a total of 534 hours per farm or 6.14 hours per hundredweight of dressed pork produced, whereas, farms marketing 1,500 hogs or more reported 2,952.8 hours per farm or 0.86 hours per hundredweight of dressed pork produced (Table 13). Producers marketing fewer than 500 hogs exhibited lower labour productivity, ranging from 1.97 hours per hundredweight of dressed pork produced to just over six hours per hundredweight of dressed pork produced. In contrast, those farms marketing 500 hogs or more utilized less than one hour of labour per hundredweight of dressed pork produced. The most favourable productivity of 0.84 hour per hundredweight of dressed pork produced was found on farms marketing 1,000 to 1,499 hogs.

Tables 14 and 15 show the 1981 labour costs for hog finishing farms in Alberta. Operator and family labour were treated as non-cash costs and the inputed wage rates were determined from a random selection of hired farm labour rates in Alberta. The operator wage rate was set at $6.50 per hour, whereas, the family rate varied depending on the type of

TABLE 12: LABOUR USE ON FINISHING ENTERPRISES BY REGION, ALBERTA, 1981

	Region							Alberta
	I	II	III	IV	V	VI	VII	
	- Hours -							
Operator	1181.5	724.13	743.60	1077.80	862.33	1315.00	1152.43	943.73
Family	-	112.19	174.20	16.20	23.67	72.25	22.29	74.94
Hired	-	-	28.0	245.00	25.56	119.75	-	63.19
Total	1181.50	836.32	945.80	1339.00	911.56	1507.00	1174.72	1081.86
Per Cwt Dressed Equivalent	0.91	0.75	1.09	1.08	1.08	1.15	1.80	1.04

TABLE 13: LABOUR USE ON FINISHING ENTERPRISES BY SIZE, ALBERTA, 1981

Size Class	Operator	Family	Hired	Total	Per Cwt Dressed
	- - - - - - - - - - - - - - - - Hours - - - - - - - - - - - - - - - -				
< 100	534.00	-	-	534.00	6.14
100- 199	541.40	8.1	18.0	567.5	2.76
200- 499	763.92	23.75	-	787.67	1.97
500- 999	883.90	56.43	15.71	956.04	0.97
1000-1499	1217.42	119.17	-	1336.59	0.84
≧1500	1938.20	333.00	681.60	2952.80	0.86
ALBERTA	943.73	74.94	63.19	1081.86	1.04

TABLE 14: AVERAGE LABOUR COSTS FOR FINISHING ENTERPRISES BY REGION, ALBERTA, 1981

Region	Hired	Operator	Family	Total
		$/cwt dressed		
I	-	5.90	-	5.90
II	-	4.19	0.61	4.80
III	0.16	5.61	0.66	6.43
IV	1.06	6.15	0.04	7.25
V	0.20	6.63	0.09	6.92
VI	0.69	6.50	0.18	7.37
VII	-	11.45	0.11	11.56
ALBERTA	0.36	6.01	0.31	6.68

TABLE 15: AVERAGE LABOUR COSTS FOR FINISHING ENTERPRISES BY SIZE, ALBERTA, 1981

Size Class	Hired	Operator	Family	Total
		$/cwt dressed		
<100	-	39.89		39.89
100 - 199	0.61	17.13	0.13	17.87
200 - 499	-	12.40	0.19	12.59
500 - 999	0.08	6.12	0.19	6.39
1000 - 1499	-	4.90	0.24	5.14
≧1500	1.19	3.67	0.61	5.47
ALBERTA	0.36	6.01	0.31	6.68

work performed. The wage rate for hired labour was the actual wage paid by participants in the study and is recorded as a cash cost.

The average labour cost of $6.68 per hundredweight of dressed pork produced was 5.8 per cent higher over the 1980 labour cost. Labour represented 6.4 per cent of total production costs. The operator's labour costs of $6.01 per hundredweight of dressed pork produced, comprised 90 per cent of the total labour cost, while hired and unpaid family labour costs each accounted for about five per cent of the total.

Average labour cost per hundredweight of dressed pork produced was lower in the three southern regions compared to the other producing regions in the province. That is, labour costs per hundredweight of dressed pork produced ranged between $4.80 and $6.43 in Regions I, II and III, rising to $11.56 in Region VII.

No hired labour was reported in Regions I, II and VII. For the remaining regions, hired labour costs ranged from 0.16 cents per hundredweight of dressed pork in Region III to $1.06 per hundredweight of dressed pork produced in Region IV.

As indicated in Table 15, farms marketing fewer than 1,500 hogs experienced hired labour costs ranging from zero to 61 cents per hundredweight of dressed pork produced. On the other hand, hired labour costs averaged $1.19 per hundredweight of dressed pork produced, on farms marketing 1,500 hogs or more per year.

Operator and unpaid family labour costs averaged $6.32 per hundredweight of dressed pork produced. These costs represented about 95 per cent of total labour cost and about six per cent of the total production cost. Because of relatively higher overall labour productivity, the southern regions had lower operator and unpaid family labour costs, varying between $4.80 per hundredweight of dressed pork produced in Region II and $6.27 per hundredweight dressed in Region III. Region VII had the highest average operator and unpaid family labour cost of $11.56 per hundredweight of dressed pork produced, whereas, Regions IV, V and VI reported operator and unpaid family costs of $6.19, $6.72 and $6.68 per hundredweight of dressed pork produced, respectively.

As the size of the finishing enterprise increased, a noted decline in cost was observed for operator and unpaid family labour (Table 15). Farmers marketing fewer than 100 hogs recorded operator and unpaid family

labour cost of $39.89 per hundredweight of dressed pork produced. However, this cost significantly declined to $4.28 per hundredweight of dressed pork produced on farms marketing 1,500 hogs or more per year. On small farms, the operator and unpaid family labour cost accounted for about 27 per cent of the total production cost, while on the large farms they represented only four per cent. Whereas per unit operator labour costs declined with increasing size of the finishing enterprise, unpaid family labour costs gradually increased from 13 cents on farms marketing fewer than 200 hogs to 61 cents on farms marketing 1,500 hogs or more per year. On the whole, average labour costs steadily declined as the size of finishing enterprises increased from $39.89 per hundredweight of dressed pork produced on the smallest hog farms to $5.14 and $5.47 per hundredweight of dressed pork produced on finishing farms marketing 1,000 to 1,499 and 1500 hogs or more per year, respectively.

SECTION V

CASH COSTS

Feed Costs

As feed is the highest contributing factor to production cost on hog farms, emphasis was placed on recording all feed rations used in 1981, as well as the cost of purchased feed. Home-grown grain was considered to be purchased from the crop enterprise and was valued by applying the prevailing regional elevator prices provided by the Alberta Grain Commission. Other home-grown feed items such as skim milk, etc. were valued at the current market price. All home-grown feeds were treated as cash costs.

In 1981, average feed cost on finishing farms in Alberta was $38.98 per hundredweight of dressed pork produced, up 9.4 per cent from 1980. Feed costs accounted for 44.4 per cent of the total cash costs and 37.2 per cent of the total production costs. Finishing farms in Regions VI and VII reported the highest feed costs per hundredweight of dressed pork produced, $40.87 and $41.11 respectively, compared with farms in Region V which had lowest feed costs of $36.68 per hundredweight of dressed pork produced (Table 16). The contribution of feed costs to total cash costs varied from 48.6 per cent on farms in Region I to 42.8 per cent in Region VI. Across all regions feed costs varied between 35 and 42 per cent of total production costs.

Feed costs tended to be higher and more variable on smaller finishing farms than on larger farms. Farms marketing fewer than 500 hogs per year had average feed costs ranging from $41.61 to $51.14 per hundredweight of dressed pork produced. These costs also comprised between 50 and 63 per cent of total cash costs, and about 33 to 39 per cent of the total production costs. In contrast, farms marketing 500 hogs or more per year reported average feed costs of $36.46 to $39.80 per hundredweight of dressed pork produced. Feed costs on the larger farms accounted for 41 to 47 per cent of the total cash costs and 35 to 40 per cent of the total production costs. The lowest feed cost of $36.46 per hundred-

weight of dressed pork produced was found on farms marketing 500 to 999 hogs per year (Table 17).

TABLE 16: ESTIMATED CASH COSTS FOR FINISHING ENTERPRISES BY REGION, ALBERTA, 1981

Region	Feed Costs	Other Cash Costs	Total Cash Costs
	- - - - - - - - $/cwt dressed - - - - - - - - - -		
I	38.55	40.73	79.28
II	38.76	45.83	84.60
III	40.11	52.59	92.69
IV	37.64	49.53	87.17
V	36.68	47.00	83.68
VI	40.87	54.60	95.46
VII	41.11	45.61	86.71
ALBERTA	38.98	48.80	87.78

TABLE 17: ESTIMATED CASH COSTS FOR FINISHING ENTERPRISES BY SIZE, ALBERTA, 1981

Size Class	Feed Costs	Other Cash Costs	Total Cash Costs
	- - - - - - - - $/cwt dressed - - - - - - - -		
<100	49.46	29.72	79.18
100-199	41.61	41.61	83.23
200-499	51.14	52.90	104.04
500-999	36.46	48.99	85.45
1000-1499	39.80	44.98	84.78
≥1500	37.29	52.78	90.07
ALBERTA	38.98	48.80	87.78

Other Cash Costs

Other cash costs included livestock purchases, bedding, veterinary and medical expenses, chemicals, hired manure disposal, hired labour, hog trucking, marketing and assembly charges, repair and operating expenses of machinery, buildings and equipment, taxes, insurance, utilities, and other miscellaneous charges such as accounting and professional dues. Included as well was an operating interest charge of 18 per cent on all cash expenditures including home-grown feed costs.

Other cash costs amounted to $48.80 per hundredweight of dressed pork produced in 1981. They accounted for 56 per cent of total cash costs and 47 per cent of total production costs. Weaner and feeder purchases were the major cost inputs, making up over 38 per cent of total cash costs and one-third of the total production cost.

Regionally, other cash costs per hundredweight of dressed pork produced were slightly lower but more variable in the three southern regions than elsewhere in the province. Such costs ranged between $40.73 and $52.59 in the three southern regions versus $45.61 and $54.60 in the other four regions (Table 16). However, on a percentage basis across all regions, "other cash costs" comprised 53 to 57 per cent of total cash costs and 43 to 48 per cent of total production costs.

The amount of "other cash costs" was generally lower on smaller farms. Farms marketing fewer than 200 hogs per year reported other cash costs averaging between $29.72 and $41.61 per hundredweight of dressed pork produced as against $44.98 to $52.90 per hundredweight of dressed pork produced on farms marketing 200 hogs or more per year (Table 17). Other cash costs formed 38 to 50 per cent of total cash costs and 20 to 36 per cent of total production costs on smaller farms. In relation to farms marketing 500 hogs or more per year, other cash costs reflected 51 to 59 per cent of total cash costs and 40 to 50 per cent of total production costs. Farms marketing 500 to 999 hogs per year had average "other cash costs" of $48.99 per hundredweight of dressed pork produced which represented 57 per cent of total cash costs and 48 per cent of total production costs.

Total Cash Costs

Total cash costs are all of the "out-of-pocket" expenses associated with the finishing enterprise, including the market value of home-grown feeds used by the enterprise. The average cash cost for finishing enterprises was $87.78 per hundredweight of dressed pork produced or 83.7 per cent of total production costs. The lowest cash costs were found in Regions I and V, respectively, averaging $79.28 and $83.68 per hundredweight of dressed pork produced. The regions reporting the highest cash costs were Region III, averaging $92.69 per hundredweight of dressed pork produced, and Region VI, averaging $95.46 per hundredweight of dressed pork produced (Table 16). Average cash costs from the other three regions varied between $84 and $87 per hundredweight of dressed pork produced. Across all regions, average cash costs ranged between 81 and 86 per cent of the total production costs.

In general, total cash costs per hundredweight of dressed pork produced tended to increase as the size of finishing enterprise increased, from $79.18 on farms marketing fewer than 100 hogs per year to $90.07 on farms marketing 1,500 hogs or more per year (Table 17). Similarly, cash costs as a proportion of total production costs, also increased with increasing size of operation from 53 per cent on the smallest farms to over 80 per cent on the largest hog farms. The highest cash cost of $104.04 per hundredweight of dressed pork produced was reported by those farms marketing 200 to 499 hogs. Farms marketing 500 to 999 hogs averaged $85.45 per hundredweight of dressed pork produced, corresponding to 83 per cent of total production costs.

SECTION VI

SUMMARY OF RETURNS AND COSTS

Profitability of hog production may be determined by examining the returns and costs associated with the enterprise. Total returns for the purpose of this study consisted of actual livestock sales, government support payments, a dollar value adjustment for any changes in inventory, and other hog receipts. Included in other hog receipts were the sales of by-products of the enterprise, such as hog manure, etc, as well as, a dollar value for hogs consumed on the farm.

The major component of returns was the sales of market hogs through the Alberta Pork Producers' Marketing Board (APPMB). Because the sales information was mainly taken from the Hog Carcass Grading Certificate, it was assumed to be very accurate and complete. The net inventory change, hogs consumed on the farm and gifts were valued at the average market price received by the operator from the sale of hogs.

With the exception of home-grown feed, all feed and feed costs such as processing and trucking, were taken from financial records. If records were not available, the operator was requested to make as accurate an estimate as possible. Home-grown feed was treated as a cash cost and valued at the average regional elevator prices provided by the Alberta Grain Commission. Other cash costs, excluding interest charges, were obtained from the financial records of producers. Interest charges of 18 per cent were applied to cash operating expenses including home-grown feed, and 15 per cent to capital assets. Investment costs, utilities, taxes and insurance payments were assigned by the producer according to the extent of their use in the hog enterprise.

The total return on finishing farms in 1981 was estimated at $100,419 per farm. The average return per hundredweight of dressed pork produced was $96.78, up 23.5 per cent over 1980. Total returns were highest in Region VI at $139,384 per farm, followed by Region I at $119,250 per farm, and Regions II and IV at just over $109,000 per farm (Table 18). The lowest return per farm of $63,195 was reported in Region VII, while farms in Regions III and V averaged $86,045 and $81,065 per

TABLE 18: ESTIMATED RETURNS AND COSTS FOR FINISHING ENTERPRISES BY REGION, ALBERTA, 1981

	Region							Alberta
	I	II	III	IV	V	VI	VII	
	Dollars							
RETURNS								
Returns/Cwt Dressed	91.54	97.44	99.86	87.60	95.88	106.01	96.60	96.78
TOTAL RETURNS	119249.57	109371.18	86045.45	109002.95	81065.19	139384.16	63195.51	100418.56
COSTS								
Feed Costs/Cwt Drs.	38.55	38.76	40.11	37.64	36.68	40.87	41.11	38.98
Other Cash Costs/Cwt Drs.	40.73	45.83	52.59	49.53	46.99	54.60	45.61	48.80
Total Cash Costs/Cwt Drs.	79.28	84.60	92.69	87.17	83.67	95.46	86.71	87.78
Non-Cash Costs/Cwt Drs.	12.06	13.62	16.88	20.62	17.71	19.06	19.25	17.12
Total Costs/Cwt Drs.	91.34	98.21	109.57	107.78	101.38	114.52	105.97	104.90
TOTAL COSTS	118990.79	110244.67	94411.31	134110.93	85720.85	150571.28	69324.89	108845.98
Return Over Cash Cost/Cwt Drs.	12.26	12.84	7.17	0.43	12.21	10.55	9.89	9.00
Net Returns/Cwt Drs. (Return to Management)	0.20	(0.77)	(9.71)	(20.18)	(5.50)	(8.51)	(9.37)	(8.12
Return on Investment (%)	8.98	7.13	(4.74)	(11.82)	0.77	(2.92)	(14.61)	(3.09

farm, respectively. The average return per hundredweight of dressed pork produced was lowest in Region IV at $87.60 in comparison with $106.01 in Region VI.

Feed costs ranged from a low of $36.68 per hundredweight of dressed pork produced in Region V, to $41.11 per hundredweight of dressed pork produced in Region VII. The average for Alberta was $38.98 per hundredweight of dressed pork produced, representing an increase of approximately 9.4 per cent over 1980. On average, feed costs made up 44.4 per cent of the total cash cost and 37.2 per cent of the total production costs.

Other cash costs per hundredweight of dressed pork produced varied from $40.73 in Region I to $54.60 in Region VI. The average "other cash costs" for Alberta was $48.80 per hundredweight of dressed pork produced, or 47 per cent of total production costs. The main component of other cash costs was the purchase of weaners and feeders. Other cash costs showed an increase of 46 per cent over 1980 costs. Only three regions, namely, III, IV, and VI, reported average "other cash costs" per hundredweight dressed that exceeded the provincial average. The total cash costs ranged from a low of $79.28 per hundredweight of dressed pork produced in Region I, to a high of $95.46 per hundredweight of dressed pork produced in Region VI.

Costs for operator and family labour, depreciation of buildings and equipment, and interest on investment, (i.e., the non-cash costs), were lower in the southern regions ranging between $12.06 to $16.88 per hundredweight of dressed pork produced, compared with $17.71 to $20.62 per hundredweight of dressed pork produced in the other four regions. The average non-cash cost for Alberta was $17.12 per hundredweight of dressed pork produced, a 16.2 per cent increase over 1980.

Total production costs rose from $69,325 per farm in Region VII to $150,571 per farm in Region VI. On a provincial basis, this cost amounted to $108,846 per farm in 1981.

Return over cash cost or gross margin represents the residual which is left over for unpaid operator and family labour, capital investment and profit. As a result of higher feed, weaner and feeder costs, the estimated return over cash cost on finishing farms in 1981 was $9.00 per hundredweight of dressed pork produced, down 3.5 per cent from 1980 returns. Higher depreciation, interest and inputed labour charges

resulted in the average finishing enterprise in Alberta showing a negative net return or loss of $8.12 per hundredweight of dressed pork produced, compared with a profit of $5.41 per hundredweight of dressed pork produced in 1980. Only Region I reported a positive return to management or profit of 20 cents per hundredweight of dressed pork produced. Estimated losses ranged between 77 cents per hundredweight of dressed pork produced in Region II to $20.18 per hundredweight in Region IV.

As expected, there was a direct relationship between total return and size of finishing enterprise. Total return rose from $6,206 per farm on farms marketing fewer than 100 hogs to $328,885 per farm on farms marketing at least 1,500 hogs per year (Table 19). Those farms marketing 500 to 999 hogs reported total return of $94,896 per farm. Average returns per hundredweight of dressed pork produced varied from $71 to $87 on farms marketing fewer than 200 hogs per year, to $96 to $98 on farms marketing 500 hogs or more per year. Farms marketing 200 to 499 hogs per year had an average return of $103 per hundredweight of dressed pork produced.

Generally, smaller farms reported higher and more variable feed costs than larger farms. Feed costs ranged between $41.61 and $51.14 per hundredweight of dressed pork produced on farms marketing fewer than 500 hogs, in comparison with $36.46 to $39.80 per hundredweight of dressed pork produced on farms marketing at least 500 hogs per year. The lowest feed cost of $36.46 per hundredweight dressed was reported by farmers marketing 500 to 999 hogs per year.

Cash costs per hundredweight of dressed pork produced tended to be lower and more variable on smaller finishing farms than on larger farms. Such costs varied between $79 and $104 per hundredweight of dressed pork produced on farms marketing fewer than 500 hogs, and $85 and $90 on farms marketing 500 hogs or more per year. However, because non-cash costs significantly declined as production increased, the average cost per hundredweight of dressed pork produced also declined with increasing size. Non-cash costs per hundredweight of dressed pork produced dropped from $68.74 on farms marketing fewer than 100 hogs, to $13.05 and $16.37 on farms marketing 1,000 to 1,499 and 1,500 hogs or more, respectively. Similarly, the average costs per hundredweight of dressed pork produced

TABLE 19: RETURNS AND COSTS FOR FINISHING ENTERPRISES BY SIZE, ALBERTA, 1981

	Size Class						Alberta
	<100	100-199	200-499	500-999	1000-1499	≧1500	
	Dollars						
RETURNS							
Returns/Cwt Dressed	71.33	86.97	103.13	95.98	98.20	95.80	96.78
TOTAL RETURNS	6205.80	17871.69	41309.32	94895.57	158489.92	328884.91	100418.56
COSTS							
Feed Costs/Cwt Drs.	49.46	41.61	51.14	36.46	39.80	37.29	38.98
Other Cash Costs/Cwt Drs.	29.72	41.61	52.90	48.99	44.98	52.78	48.80
Total Cash Costs/Cwt Drs.	79.18	83.23	104.04	85.45	84.78	90.07	87.78
Non-Cash Costs/Cwt Drs.	68.74	31.23	27.41	17.33	13.05	16.37	17.12
Total Costs/Cwt Drs.	147.92	114.45	131.45	102.78	97.83	106.44	104.90
TOTAL COSTS	12870.28	23519.45	52654.61	101621.62	157882.90	365414.85	108845.98
Return Over Cash/Cwt Drs.	(7.85)	3.74	(0.91)	10.53	13.42	5.73	9.00
Net Returns/Cwt Drs. (Return to Management)	(76.59)	(27.48)	(28.32)	(6.80)	0.37	(10.64)	(8.12)
Return on Investment (%)	(34.90)	(26.48)	(25.70)	(1.15)	9.19	(4.27)	(3.09)

declined from $148 on farms marketing fewer than 100 hogs per year to between $98 and $106 on farms marketing 500 hogs or more per year.

Average return over cash costs or gross margin was positive in all size classes with the exception of those enterprises which marketed fewer than 100 hogs and 200 to 499 hogs per year where, there was a negative return over cash cost of $7.85 and 91 cents, respectively, per hundredweight of dressed pork produced. Farms marketing 1,000 to 1,499 hogs per year reported the highest return over cash cost of $13.42 per hundredweight of dressed pork produced, followed by farms marketing 500 to 999 hogs, 1,500 hogs or more, and 100 to 199 hogs per year with $10.53, $5.73 and $3.74, respectively, per hundredweight of dressed pork produced. Farms marketing 1,000 to 1,499 hogs per year barely broke even with an estimated net return or profit of 37 cents per hundredweight of dressed pork produced. Estimated losses which were considerably higher than those of 1980 ranged from $76.59 per hundredweight of dressed pork produced on farms finishing fewer than 100 hogs per year to $6.80 per hundredweight of dressed pork produced on farms marketing 500 to 999 hogs per year. Across the province, losses to finishing enterprises were estimated at $8.12 per hundredweight of dressed pork produced, 50.1 per cent above 1980 losses.

In this 1981 study, interest on investment was set at 15 per cent for all farms. When this assumption is withdrawn, the return on investment could be determined as a residual. On average, farms in the south tended to have higher rates of return on investment, equalling 8.98 per cent in Region I and 7.13 per cent in Region II (Table 18). The only other region to indicate a positive rate of return on investment was Region V with 0.77 per cent.

Although the average rate of return on investment increased as the size of finishing enterprise increased, only farms marketing 1,000 to 1,499 hogs per year were able to record a positive return on investment of 9.19 per cent. The smaller farms (<500 market hogs) showed the highest negative return on investment, ranging from 26 to 35 per cent, while those farms marketing 500 to 999 and 1,500 hogs or more per year showed negative returns on investment of 1.15 and 4.27 per cent, respectively. The provincial average rate of return on investment for finishing enterprises was also negative, at 3.09 per cent.

SECTION VII

SUMMARY AND CONCLUSION

Summary

This study was designed to provide Alberta Agriculture and hog producers with information about the economics of hog production in the various regions as well as in the province as a whole. Participants in the study each received a detailed business analysis of their own hog operation and were provided the opportunity to compare their performance with others within their region and in the same size class. This report on hog finishing discloses the findings of the 1981 production year, the second year of a three-year study of hog production in Alberta.

Data for this study were gathered through the use of a detailed questionnaire and interviews with 62 commercial hog finishing producers in the province. The average age of producers on this study was 41 years, with 17 years of farming experience, 13 of which were directly related to hog farming.

Ownership of the finishing operations fell into three classes, namely, single proprietorships, partnerships and corporations. Over 74 per cent of the finishing farms studied was listed as single proprietorships, 19 per cent as partnership and six per cent as corporations. Corporations were more prevalent in Regions II and III, and on farms marketing 500 to 999 hogs per year. The smallest and largest farms were predominantly single proprietorships.

The average acreage of farms on the study was 757 acres. Eighty per cent of the land was developed and 20 per cent was undeveloped. Also, 67 per cent of the acreage was deeded while the other 33 per cent was either leased or rented. The largest acreages, averaging 1,005 acres, were reported in Region III in contrast to the smallest acreage of 207 acres recorded in Region I.

Farm acreage was inversely related to the number of hogs marketed. Average acreage dropped from 1050 acres on finishing farms marketing fewer than 100 hogs per year to less than 500 acres on the largest finishing farms.

Hog receipts accounted for approximately 69 per cent of the total farm receipts on finishing farms. Total farm assets were estimated at $1,103,183 per farm, approximately seven per cent of which was directly associated with the hog operation. Owner equity in the farm was placed at 88.5 per cent and total indebtedness per farm was $144,089, with long-term loans accounting for 45 per cent of the total. The proportion of indebtedness increased as the size of the finishing operation increased.

The average finishing enterprise handled 1,174 head in 1981. Weaners were purchased at an average weight of 41 pounds and finished at 212 pounds live or 166.4 pounds dressed. Death-loss was estimated at 3.3 per cent. The average finishing farm produced 623.5 hog equivalents or 1,037.6 hundredweight of dressed pork. The average market hog had an index of 101.9 and an average dressing per cent of 78.5.

Fifty-four per cent of the total feed used by finishing enterprises was described as home-grown, with the remaining 46 per cent purchased off the farm. Almost 59 per cent of the total feed consisted of barley and other grains; the remaining 41 per cent represented purchased rations, supplements and other feed ingredients.

The average finishing enterprise used approximately 877 pounds of feed to produce one hog equivalent, i.e., 166.4 pounds of dressed pork or 212 pounds live weight. Alternatively put, the average enterprise required 5.2 pounds of feed to produce one pound of dressed pork, or 4.1 pounds of feed to produce one pound of live weight.

With the exception of Region VI which handled 1,603 head per farm, farms in the southern regions tended to handle a greater number of hogs than farms in the other regions. Region I handled an average of 1,474 head per farm and Region II handled an average of 1,256 head per farm. Region VI had the highest production of 814 hog equivalents in contrast to Regions V and VII which reported 498 and 396 hog equivalents per farm, respectively.

Death-loss was lowest in Region VII at 1.3 per cent compared to 3.5 and 3.6 per cent in Regions II and I, and 6.3 per cent in Region IV. The average index of hogs marketed did not vary much among regions, ranging from a low of 101.1 in Region IV to a high of 102.7 in Region III.

Farms in the three southern regions used significantly less feed per pound of pork produced than enterprises elsewhere. Average feed use per pound of dressed pork produced was 4.8 to 5.0 pounds in the southern region, compared with 5.4 to 5.8 pounds in the other four regions. On a live weight basis the corresponding feed conversions were 3.8 to 4.0 pounds versus 4.2 to 4.5 pounds, respectively. In addition, less than 45 per cent of the feed used on finishing farms in the south was home-grown compared with 63 to 83 per cent in the other four regions. The estimated average daily gain varied between 0.9 pound on farms in Region III and 1.1 pounds on farms in Regions II and VII.

Larger finishing enterprises tended to purchase weaners at lower weights, 38 to 40 pounds, than smaller enterprises which on the average, purchased weaners at 41 to 45 pounds.

Death-loss was highest, 5.6 per cent, on farms marketing 1,500 hogs or more per year. Excluding these producers, larger enterprises tended to have lower death-loss than smaller enterprises.

The average dressing out percentage increased as size of operation increased, from 75.9 per cent on farms marketing fewer than 100 hogs per year to 78.8 per cent on farms marketing 500 to 1,499 hogs per year. Farms marketing 1,500 hogs or more per year recorded an average dressing out percentage of 78.1.

A similar direct relationship was noted between average index and size of enterprise. The average index increased from 98.0 on farms marketing fewer than 100 hogs to 103.0 on farms marketing 1,000 to 1,499 hogs. Finishing farms marketing 1,500 hogs or more per year had an average index of 101.5.

Feeding efficiency increased significantly as the size of finishing enterprise increased, rising from 6.8 pounds of feed per pound of dressed pork produced on farms finishing fewer than 100 hogs per year, to 3.8 pounds of feed per pound of dressed pork produced, on farms finishing 1,500 hogs or more per year. The estimated average daily gain also increased with size from 0.7 pound on the smallest finishing farms to at least one pound on farms marketing 500 hogs or more per year.

The current value of fixed assets associated with finishing enterprises was estimated at $72,443 per farm for the 1981 production year. Of this total, 62 per cent was allocated to buildings and equipment, 18

per cent to machinery and other equipment, 11 per cent to feed storage and equipment, six per cent to manure storage and handling, and four per cent to land.

Average investment per farm was highest in Region IV at $123,134, declining to $26,473 in Region VII. Average investment in the other five regions varied between $56,440 and $98,530 per farm. As expected, the average investment per farm increased steadily as the size of operation increased, from $14,973 on farms marketing fewer than 100 hogs per year to $287,779 on farms marketing 1,500 hogs or more per year. For farms marketing between 500 and 999 hogs per year, an average investment of $69,463 per farm was recorded, just slightly below the provincial average.

The average annual depreciation on finishing farms in 1981 was $5,014 per farm. This cost represented about seven per cent of the total hog investment and about five per cent of the total production cost. Forty-nine per cent of total depreciation occurred on buildings and equipment, 29 per cent on machinery and other equipment, 13 per cent on feed storage and equipment, and eight per cent on manure storage and handling.

The average annual interest cost of fixed assets for finishing enterprises was $6,185 per farm. This cost represented 8.5 per cent of the total hog investment and 5.7 per cent of the total production costs.

In 1981, the average finishing enterprise required 1,082 hours of labour to run the operation. About 87 per cent of the total hours was attributed to the operator, seven per cent was from family, and six per cent was hired. The average finishing enterprise allocated 40 per cent of all labour to feeding and feed preparation, 22 per cent to cleaning and manure disposal, 16 per cent to buying and marketing, nine per cent to the repair of buildings and equipment, eight per cent to moving and sorting, and five per cent to management and record keeping.

Regionally, labour use per farm varied from 836.32 hours in Region II to 1,507 hours in Region VI. Southern regions recorded 0.75 to 1.09 hours per hundredweight of dressed pork produced compared to 1.08 hours in Regions IV and V, 1.15 hours in Region VI, and 1.8 hours in Region VII.

Total labour use increased steadily as the size of the finishing enterprise increased, from 534 hours per farm on the smallest enterprises to 2,953 hours per farm where 1500 hogs or more are marketed. However, labour productivity increased significantly from 6.14 hours per hundredweight of dressed pork produced on the smallest farms to between 0.84 and 0.86 hours on farms marketing 1,000 hogs or more per year. The average finishing farm used a total of 1.04 hours per hundredweight of dressed pork produced.

The average labour cost on finishing farms was $6.68 per hundredweight of dressed pork produced, an amount which represented 6.4 per cent of the total production costs. Operator labour alone accounted for 90 per cent of the total labour cost or $6.01 per hundredweight of dressed pork produced, while hired and family labour each accounted for five per cent.

Operator and family labour were both treated as non-cash costs and together averaged $6.32 per hundredweight of dressed pork produced or six per cent of the total production costs. The three southern regions had the lowest labour costs, ranging between $4.80 and $6.43 per hundredweight of dressed pork produced. Region VII reported the highest labour costs of $11.56 per hundredweight of dressed pork produced.

In general, as the size of the operation increased, a noticeable improvement in labour productivity was recognized. For example, farms marketing fewer than 100 hogs were charged $39.89 per hundredweight of dressed pork produced, in comparison with $5.14 and $5.47 per hundredweight of dressed pork produced on farms marketing 1,000 to 1,499 and 1,500 hogs or more per year, respectively.

Feed costs averaged $38.98 per hundredweight of dressed pork produced on finishing farms, 9.4 per cent above 1980 feed costs. Feed accounted for 44 per cent of total cash costs and 37 per cent of total production cost in 1981. Feed costs per hundredweight of dressed pork produced varied from $36.68 in Region V to $41.11 in Region VII. Smaller finishing farms tended to have higher feed costs than larger farms. Farms marketing fewer than 500 hogs reported feed costs ranging between $41.61 and $51.14 per hundredweight of dressed pork produced. In contrast, farms marketing 500 hogs or more recorded feed costs ranging between $36.46 and $39.80 per hundredweight of dressed pork produced.

Other cash costs, (i.e. cash costs excluding feed costs) amounted to $48.80 per hundredweight of dressed pork produced in Alberta. These costs accounted for 56 per cent of the total cash costs and 47 per cent of the total production costs. Weaner and feeder purchases were the major cost inputs making up 38 per cent of total cash costs and 33 per cent of the total production cost on finishing farms.

Total cash costs cover all "out-of-pocket" expenses including the market value of all home-grown feeds used by the finishing enterprise. The average cash cost for finishing enterprises was $87.78 per hundredweight of dressed pork produced or 84 per cent of the total production costs. The lowest cash costs per hundredweight of dressed pork produced, were recorded in Regions I and V, averaging respectively $79.28 and $83.68 per hundredweight of dressed pork produced versus $92.69 in Region III and $95.46 in Region VI.

Average cash cost per hundredweight of dressed pork produced tended to increase with the size of finishing enterprise from $79.18 per hundredweight of dressed pork produced on farms marketing fewer than 100 hogs per year to $90.07 per hundredweight on farms marketing 1,500 hogs or more per year. Cash costs as a percentage of total production costs also increased with the size of the enterprise from 53 per cent on the smallest hog farms to over 80 per cent on the largest hog farms. The highest cash cost of $104.04 per hundredweight of dressed pork produced was reported by farmers marketing 200 to 499 hogs per year.

The total return for finishing farms in 1981 was estimated at $100,419 per farm. The average return of $96.78 per hundredweight of dressed pork produced was up 23.5 per cent from 1980. Total returns were highest in Region VI at $139,384 per farm, declining to $63,195 per farm in Region VII. Average return of $106.01 per hundredweight of dressed pork produced was highest in Region VI in contrast to a low of $87.60 in Region IV.

As the size of the finishing enterprise increased so did total returns, from $6,206 per farm on farms marketing fewer than 100 hogs per year to $328,885 per farm on farms marketing 1,500 hogs or more per year. Average return per hundredweight of dressed pork produced varied from $71 to $87 on farms marketing fewer than 200 hogs per year, to between $96 and $98 on farms marketing 500 hogs or more per year. Farms marketing

200 to 499 hogs per year had an average return of $103 per hundredweight of dressed pork produced.

Although gross returns in 1981 showed a significant increase over 1980, this increase was more than off-set by the higher production costs experienced in 1981. Total production costs averaged $108,846 per farm or $104.90 per hundredweight of dressed pork produced. Feed costs accounted for 37.2 per cent of the production cost while other cash costs and the non-cash cost accounted for 46.5 and 16.3 per cent, respectively. Farms in Region I recorded the lowest unit cost of $91.34 per hundredweight of dressed pork produced compared to $106 to $115 per hundredweight in Regions III, IV, VI, and VII.

The average return over cash cost or gross margin on finishing farms in 1981 was $9.00 per hundredweight of dressed pork produced, a decline of 3.5 per cent from 1980. This decline was due to higher feed and weaner/feeder costs. On the whole, finishing farms sustained losses averaging $8.12 per hundredweight of dressed pork produced in contrast to the losses of $5.41 realized in 1980. On average, only the farms in Region I were able to show a positive return to management or profit of 20 cents per hundredweight of dressed pork produced. Estimated losses per hundredweight of dressed pork produced varied from 77 cents on farms in Region II to $20.18 in Region IV.

Except for finishing enterprises marketing fewer than 100 hogs and 200 to 499 hogs per year, all size classes showed positive gross margins. The highest gross margin of $13.42 per hundredweight of dressed pork produced was experienced on farms marketing 1,000 to 1,499 hogs per year, Indeed, the only size class to show a profit was farms marketing 1000 to 1499 hogs per year. Estimated losses which were appreciably higher than in 1980, varied between $76.59 per hundredweight of dressed pork produced on farms marketing fewer than 100 hogs per year to $6.80 per hundredweight of dressed pork produced on farms marketing 500 to 999 hogs per year.

The average return on investment for finishing enterprises in Alberta was negative 3.09 per cent. Finishing farms in Regions I, II and V showed positive returns on investment of 8.98 per cent, 7.13 per cent and 0.77 per cent, respectively. The other regions had negative returns on investment ranging from 2.92 per cent in Region VI to 14.61 per cent

in Region VII. Only the farms marketing 1,000 to 1,499 hogs per year showed a positive return on investment of 9.19 per cent.

Conclusion

Although there has been a significant reduction in the number of smaller finishing enterprises, the conclusions of this second production year under study tend to support most of the findings in the 1980 report. These findings include the following:

1 Finishing enterprises in southern Alberta tend to be larger and more efficient than enterprises in central and northern Alberta.

2. Larger finishing enterprises are decidedly more efficient than smaller enterprises.

3. Operator and family labour are the main sources of labour on finishing farms.

4. Finishing enterprises in southern Alberta used substantially less home-grown feeds in their hog rations than enterprises elsewhere in the province. Whereas most of the rations used on smaller finishing enterprises were home-grown, only one third of the rations used by the largest finishing enterprises was home-grown.

5. The relatively high proportion of home-grown feeds in the rations has contributed to lower feeding efficiencies on farms in central and northern Alberta and on smaller finishing farms. However, because of the differences in feed prices, the increasing use of home-grown feeds also tended to reduce feed costs, therefore, the choice of home-grown feeds over purchased rations should not be decided solely on feeding efficiency, but also on dollar costs per pound of gain.

6. Except for finishing farms marketing fewer than 100 hogs and 200 to 499 hogs per year, most finishing enterprises had positive returns over cash costs or gross margins in 1981. Hog finishing was noticeably less profitable in 1981 than in 1980. On average, only enterprises in Region I and enterprises marketing 1000 to 1499 hogs

per year broke even. The estimated loss for the province as a whole was $8.12 per hundredweight of dressed pork produced.

7. Finishing enterprises in general sustained losses on investment of 3.09 per cent in 1981. Only finishing farms in Regions I, II, and V, and farms marketing 1000 to 1499 hogs per year were able to show a positive return to investment.

APPENDIX A

*** INVESTMENT SCHEDULE ***

ENTERPRISE: FINISHING FOR: TOTAL PROVINCE

CURRENT (1981) MARKET VALUE OF CAPITAL ASSETS ASSOCIATED WITH THE HOG ENTERPRISE

	CURRENT VALUE	ENTERPRISE VALUE	REMAIN. LIFE	AVERAGE VALUE	+/* USE TO ENTERPRISE	-------COSTS PER YEAR------ OPER.	DEPR.	INTER.
LIVESTOCK								
---SOWS @---/HEAD	16.	16.		16.13	100			2.42
---BOARS @---/HEAD	26.	26.		25.81	100			3.87
---GILTS @---/HEAD								
SUB-TOTAL	42.	42.		41.94		0.00	0.00	6.29
BUILDINGS								
FARROWING BARN	1820.	1820.	16	1000.73	100	21.69	102.43	150.11
WEANING BARN	2390.	2390.	15	1314.71	100	40.89	139.30	197.21
DRY SOW BARN	2327.	2327.	19	1280.01	100	18.47	108.22	192.00
GROWER-FINISHER BARN	35136.	35133.	17	19323.39	100	1056.93	1869.99	2898.51
OFFICE BUILDING								
ELECTRICAL FOR COMPLETE UNIT	8.	8.	10	4.44	100		0.73	0.67
OTHER	442.	89.	17	48.87	14	0.02	4.74	7.33
SUB-TOTAL	42323.	41760.		22972.16		1158.00	2225.41	3445.82
OTHER BUILDINGS								
BARNS	1434.	1297.	12	713.15	90	140.77	101.37	106.97
SHEDS	867.	825.	14	453.52	95	6.13	51.80	68.03
FEED TROUGHS	23.	23.	4	12.64	100	1.77	5.03	1.90
SELF-FEEDERS	22.	22.	15	11.84	100		1.32	1.78
FENCING	201.	201.	8	110.74	100	9.84	21.76	16.61
OTHER								
OTHER					100			
SUB-TOTAL	2547.	2367.		1301.89		158.52	181.28	195.28
MANURE STORAGE, HANDLING SYSTEM								
LAGOON	427.	427.		426.73	100	3.23		64.01
STORAGE PIT								
FARROWING BARN								
GROWER-FINISHING BARN	165.	165.	13	90.93	100		11.85	13.64
LIQUID MANURE SPREADER	2987.	2858.	8	1572.15	96	44.35	332.92	235.82
MANURE SPREADER	346.	312.	10	171.58	90	8.66	27.02	25.74
SUBMERSIBLE PUMP OR AGITATOR	191.	191.	5	104.94	100	16.13	34.59	15.74
OTHER								
SUB-TOTAL	4116.	3953.		2366.33		92.37	406.38	354.95
FEED STORAGE								
---- STEEL BINS	2356.	2316.	24	1273.52	98	5.39	87.84	191.03
---- WOODEN BINS	1063.	932.	13	512.58	88	34.94	44.81	76.89
---- FEED BINS ---- TONNES	966.	824.	17	453.18	85	5.99	43.24	67.98
HIGH MOISTURE GRAIN								
OTHER	426.	215.	20	118.41	51		9.69	17.76
SUB-TOTAL	4810.	4287.		2357.70		46.31	207.60	353.65
FEEDING EQUIPMENT								
ELECTRIC HAMMER MILL	1917.	1899.	10	1044.52	99	93.79	163.99	156.68
FEED CONVEYORS	386.	386.	10	212.15	100	3.95	33.44	31.82
GRINDER	202.	165.	5	90.93	82	7.34	29.76	13.64
MOBILE GRINDER/MIXER	1311.	1123.	5	617.68	86	84.63	221.89	92.65
FEED CART	6.	6.	6	3.19	100		0.90	0.48
OTHER								
SUB-TOTAL	3821.	3579.		1968.47		189.71	450.00	295.27
EQUIPMENT IN BARNS								
---- CRATES								
---- PENS ---- FT.								
---- WATERERS	67.	67.	11	36.64	100	4.50	5.54	5.50
---- SELF-FEEDERS	61.	61.	9	33.40	100	0.58	6.06	5.01
---- INDIVIDUAL STALLS	27.	27.	15	15.08	100		1.65	2.26
---- HEAT LAMPS			2	0.13	100		0.11	0.02
---- VENTILATION	20.	20.	10	11.00	100		1.83	1.65
---- OTHER	825.	825.	14	453.53	100	18.15	54.00	68.03
SUB-TOTAL	1000.	1000.		549.78		23.23	69.19	82.47
EXTRA EQUIPMENT								
WELL AND WATER LINES	3278.	2168.	22	1192.63	66	57.00	87.72	178.89
SCALE ---- LB. CAPACITY	99.	98.	7	53.67	98	0.08	13.20	8.05
TRUCKS 1) 1/2 OR 3/4 TON	2727.	950.	4	522.65	35	446.36	207.65	78.40
2) ONE OR TWO TON	1231.	781.	8	429.40	63	221.63	93.16	64.41
3) 3 TON	4531.	2323.	7	1277.64	51	482.20	320.85	191.65
TRACTORS 1) UP TO 75 H.P.	4208.	1370.	7	753.26	33	410.47	181.15	112.99
2) 76 TO 110 H.P.	3977.	1472.	6	809.83	37	522.54	213.02	121.47
3) OVER 110 H.P.	7320.	1480.	6	813.74	20	347.88	159.40	122.06
STANDBY GENERATOR	1472.	1237.	19	680.54	74	90.56	59.04	102.08
PRESSURE WASHER	194.	147.	3	81.06	76	11.80	42.10	12.16
TOOLS AND VET., EQUIPMENT	261.	161.	6	88.44	62	6.32	24.48	13.27
GRAIN AUGER	732.	390.	7	214.49	53	14.08	52.15	32.17
OTHER	310.	255.	11	140.30	82	6.36	20.04	21.04
SUB-TOTAL	30540.	12832.		7057.65		2617.27	1473.96	1058.65
LAND - BLDGS. SITE + PASTURE	2622.	2616.		2615.73	100			392.36
TOTAL INVESTMENT	91822.	72443.		41231.63		4285.40	5013.83	6184.74

INTEREST ON BLDGS.EQUIP. MACH. AND LAND AT 15 PERCENT

*** INVESTMENT SCHEDULE ***

ENTERPRISE: FINISHING FOR: REGION 1

CURRENT (1981) MARKET VALUE OF CAPITAL ASSETS ASSOCIATED WITH THE HOG ENTERPRISE

	CURRENT VALUE	ENTERPRISE VALUE	REMAIN. LIFE	AVERAGE VALUE	+/- USE TO ENTERPRISE	-------COSTS PER YEAR------ OPER.	DEPR.	INTER.
LIVESTOCK								
___SOWS $___/HEAD								
___BOARS $___/HEAD								
___GILTS $___/HEAD								
SUB-TOTAL	0.	0.		0.00		0.00	0.00	0.00
BUILDINGS								
FARROWING BARN								
WEANING BARN								
DRY SOW BARN								
GROWER-FINISHER BARN	25000.	25000.	18	13750.00	100	275.00	1200.00	2062.50
OFFICE BUILDING								
ELECTRICAL FOR COMPLETE UNIT								
OTHER								
SUB-TOTAL	25000.	25000.		13750.00		275.00	1200.00	2062.50
OTHER BUILDINGS								
BARNS	2500.	2500.	20	1375.00	100	200.00	112.50	206.25
SHEDS								
FEED TROUGHS								
SELF-FEEDERS								
FENCING								
OTHER								
OTHER								
SUB-TOTAL	2500.	2500.		1375.00		200.00	112.50	206.25
MANURE STORAGE, HANDLING SYSTEM								
LAGOON								
STORAGE PIT								
FARROWING BARN								
GROWER-FINISHING BARN								
LIQUID MANURE SPREADER	2500.	2500.	10	1375.00	100	50.00	225.00	206.25
MANURE SPREADER	250.	250.	4	137.50	100	50.00	56.25	20.62
SUBMERSIBLE PUMP OR AGITATOR								
OTHER								
SUB-TOTAL	2750.	2750.		1512.50		100.00	281.25	226.87
FEED STORAGE								
____ STEEL BINS	1200.	1200.	40	660.00	100		27.00	99.00
____ WOODEN BINS								
____ FEED BINS ____ TONNES	1300.	1300.	18	715.00	100		63.00	107.25
HIGH MOISTURE GRAIN								
OTHER								
SUB-TOTAL	2500.	2500.		1375.00		0.00	90.00	206.25
FEEDING EQUIPMENT								
ELECTRIC HAMMER MILL								
FEED CONVEYORS								
GRINDER								
MOBILE GRINDER/MIXER	2250.	2250.	6	1237.50	100		337.50	185.62
FEED CART								
OTHER								
SUB-TOTAL	2250.	2250.		1237.50		0.00	337.50	185.62
EQUIPMENT IN BARNS								
____ CRATES								
____ PENS ____ FT.								
____ WATERERS								
____ SELF-FEEDERS								
____ INDIVIDUAL STALLS								
____ HEAT LAMPS								
____ VENTILATION								
____ OTHER								
SUB-TOTAL	0.	0.		0.00		0.00	0.00	0.00
EXTRA EQUIPMENT								
BELL AND WATER LEVER	2850.	2780.	28	1529.00	98	585.28	96.30	229.35
SCALE ____ LB. CAPACITY	325.	325.	40	178.75	100		7.31	26.81
TRUCKS 1) 1/2 OR 3/4 TON	5500.	3300.	15	1815.00	60	440.00	198.00	272.25
2) ONE OR TWO TON	5000.	3325.	11	1828.75	66	166.25	265.50	274.31
3) 3 TON								
TRACTORS 1) UP TO 75 H.P.	5000.	4000.	15	2200.00	80	180.00	240.00	330.00
2) 76 TO 110 H.P.	6500.	1850.	8	1017.50	42	533.24	220.50	152.62
3) OVER 110 H.P.								
STANDBY GENERATOR	480.	480.	40	264.00	100	9.60	10.80	39.60
PRESSURE WASHER	200.	180.	6	99.00	90		27.00	14.85
TOOLS AND VET. EQUIPMENT								
GRAIN AUGER	500.	450.	15	247.50	90	22.50	27.00	37.12
OTHER	4500.	4500.	20	1375.00	100		112.50	206.25
SUB-TOTAL	20855.	19190.		10554.50		2036.85	1204.91	1583.17
LAND - BLDGS. SITE & PASTURE	2250.	2250.		2250.00	100			337.50
TOTAL INVESTMENT	68105.	56440.		32054.50		4611.85	3226.16	4808.17

INTEREST ON BLDGS.EQUIP. MACH. AND LAND AT 15 PERCENT

*** INVESTMENT SCHEDULE ***

ENTERPRISE: FINISHING FOR: REGION 2

CURRENT (1981) MARKET VALUE OF CAPITAL ASSETS ASSOCIATED WITH THE HOG ENTERPRISE

	CURRENT VALUE	ENTERPRISE VALUE	REMAIN. LIFE	AVERAGE VALUE	*/* USE TO ENTERPRISE	COSTS PER YEAR OPER.	DEPR.	INTER.
LIVESTOCK								
---SOWS @---/HEAD	63.	63.		62.50	100			9.37
---BOARS @---/HEAD	19.	19.		18.75	100			2.81
---GILTS @---/HEAD								
SUB-TOTAL	81.	81.		81.25		0.00	0.00	12.19
BUILDINGS								
FARROWING BARN								
WEANING BARN	4134.	4134.	14	2273.91	100	43.75	261.63	341.09
DRY SOW BARN								
GROWER-FINISHER BARN	32956.	32945.	15	18119.75	100	764.11	1948.42	2717.96
OFFICE BUILDING								
ELECTRICAL FOR COMPLETE UNIT								
OTHER								
SUB-TOTAL	37091.	37079.		20393.66		807.86	2210.05	3059.05
OTHER BUILDINGS								
BARNS	2188.	2188.	10	1203.13	100		196.87	180.47
SHEDS	63.	56.	20	30.94	90	2.81	2.53	4.64
FEED TROUGHS	1.	1.	10	0.69	100		0.11	0.10
SELF-FEEDERS								
FENCING	250.	250.	9	137.50	100	3.13	25.00	20.62
OTHER								
OTHER								
SUB-TOTAL	2501.	2495.		1372.25		5.94	224.52	205.84
MANURE STORAGE, HANDLING SYSTEM								
LAGOON								
STORAGE PIT								
FARROWING BARN								
GROWER-FINISHING BARN	391.	391.	15	214.84	100		23.44	32.23
LIQUID MANURE SPREADER	4782.	4782.	8	2630.07	100	63.75	543.35	394.51
MANURE SPREADER								
SUBMERSIBLE PUMP OR AGITATOR								
OTHER								
SUB-TOTAL	5173.	5173.		2844.91		63.75	566.79	426.74
FEED STORAGE								
---- STEEL BINS	1048.	1029.	29	564.02	98		31.58	84.90
---- WOODEN BINS	150.	150.	24	82.5[illegible]	100	3.75	5.62	12.37
---- FEED BINS ---- TONNES	1139.	1137.	16	625.2[illegible]	100	5.61	42.34	93.79
HIGH MOISTURE GRAIN								
OTHER								
SUB-TOTAL	2337.	2316.		1273.80		9.36	99.55	191.07
FEEDING EQUIPMENT								
ELECTRIC HAMMER MILL	1169.	1106.	9	608.44	95	35.49	114.61	91.27
FEED CONVEYORS	469.	469.	10	257.81	100	1.25	42.19	38.67
GRINDER								
MOBILE GRINDER/MIXER	775.	519.	5	285.40	67	12.98	88.89	42.82
FEED CART	19.	19.	6	10.31	100		2.81	1.55
OTHER								
SUB-TOTAL	2431.	2113.		1162.05		49.72	248.50	174.31
EQUIPMENT IN BARNS								
---- CRATES								
---- PENS ---- FT.								
---- WATERERS	23.	23.	7	12.72	100		3.04	1.91
---- SELF-FEEDERS	89.	89.	6	48.98	100		12.66	7.35
---- INDIVIDUAL STALLS	106.	106.	15	58.44	100		6.37	8.77
---- HEAT LAMPS								
---- VENTILATION	63.	63.	10	34.38	100		5.62	5.16
---- OTHER	344.	344.	15	189.06	100	1.56	20.62	28.36
SUB-TOTAL	625.	625.		343.58		1.56	48.32	51.54
EXTRA EQUIPMENT								
WELL AND WATER LINES	4365.	2305.	26	1267.90	53	25.41	81.33	190.19
SCALE ---- LB. CAPACITY	34.	34.	20	18.91	100		1.55	2.84
TRUCKS 1) 1/2 OR 3/4 TON	2813.	903.	5	496.62	32	392.74	159.43	74.49
2) 0[illegible] OR TWO TON	750.	386.	9	212.27	51	119.70	37.09	31.84
3) 3 [illegible]N	4198.	1269.	6	697.80	30	218.11	180.24	104.67
TRACTORS 1) [illegible] TO 75 H.P.	3781.	1119.	7	615.46	30	402.40	138.85	92.35
2) 76 TO 110 H.P.	5094.	1150.	6	632.25	23	211.28	168.81	94.84
3) OVER 110 H.P.	15313.	2269.	9	1248.16	15	617.96	229.06	187.22
STANDBY GENERATOR	1481.	794.	18	436.73	54	4.86	39.49	65.51
PRESSURE WASHER	224.	151.	5	83.07	67	1.26	28.59	12.46
TOOLS AND VET., EQUIPMENT	55.	27.	2	14.61	49	4.89	10.27	2.19
GRAIN AUGER	565.	227.	10	125.03	40	3.52	19.50	18.75
OTHER	251.	203.	9	111.72	81		20.18	16.76
SUB-TOTAL	38923.	10838.		5960.71		2002.14	1114.39	894.11
LAND - BLDGS, SITE & PASTURE	2463.	2463.		2462.50	100			369.37
TOTAL INVESTMENT	91625.	63182.		35894.70		2940.34	4512.11	5384.20

INTEREST ON BLDGS.EQUIP. MACH. AND LAND AT 15 PERCENT

*** INVESTMENT SCHEDULE ***

ENTERPRISE: FINISHING FOR: REGION 3

CURRENT (1981) MARKET VALUE OF CAPITAL ASSETS ASSOCIATED WITH THE HOG ENTERPRISE

	PRESENT VALUE	ENTERPRISE VALUE	YEARS LIFE	AVERAGE VALUE	+/- USE TO ENTERPRISE	COSTS PER YEAR OPER.	DEPR.	INTER.
LIVESTOCK								
---SOWS $---/HEAD								
---BOARS $---/HEAD								
---GILTS $---/HEAD								
SUB-TOTAL	0.	0.		0.00		0.00	0.00	0.00
BUILDINGS								
FARROWING BARN								
WEANING BARN	1545.	1545.	15	849.75	100	14.50	91.18	127.46
DRY SOW BARN	1425.	1425.	15	783.75	100	12.50	85.50	117.56
GROWER-FINISHER BARN	1545.	1545.	15	849.75	100	14.50	91.18	127.46
OFFICE BUILDING	39451.	39451.	18	21698.21	100	3405.50	2027.22	3254.73
ELECTRICAL FOR COMPLETE UNIT								
OTHER								
SUB-TOTAL	43966.	43966.		24181.46		3447.00	2295.09	3627.22
OTHER BUILDINGS								
BARNS								
SHEDS								
FEED TROUGHS								
SELF-FEEDERS								
FENCING	129.	129.	15	70.67	100		7.71	10.60
OTHER								
OTHER					100			
SUB-TOTAL	129.	129.		70.67		0.00	7.71	10.60
MANURE STORAGE, HANDLING SYSTEM								
LAGOON								
STORAGE PIT								
FARROWING BARN								
GROWER-FINISHING BARN								
LIQUID MANURE SPREADER	1081.	1081.	9	594.71	100	70.00	105.78	89.21
MANURE SPREADER	572.	550.	10	302.34	96	29.30	49.56	45.35
SUBMERSIBLE PUMP OR AGITATOR								
OTHER								
SUB-TOTAL	1653.	1631.		897.05		99.30	155.34	134.56
FEED STORAGE								
---- STEEL BINS	1751.	1751.	23	962.88	100	10.00	47.20	144.43
---- WOODEN BINS	546.	546.	10	300.03	100	35.00	47.39	45.00
---- FEED BINS ---- TONNES	1830.	955.	26	525.25	52	7.05	33.10	78.79
HIGH MOISTURE GRAIN								
OTHER								
SUB-TOTAL	4126.	3251.		1788.16		52.05	147.70	268.22
FEEDING EQUIPMENT								
ELECTRIC HAMMER MILL								
FEED CONVEYORS								
GRINDER	1000.	1000.	13	550.00	100	15.00	71.40	82.50
MOBILE GRINDER/MIXER	1281.	1123.	8	617.50	88	100.81	121.29	92.62
FEED CART	6.	6.	5	3.30	100		1.08	0.49
OTHER								
SUB-TOTAL	2287.	2129.		1170.80		115.81	193.77	175.62
EQUIPMENT IN BARNS								
---- CRATES								
---- PENS ---- FT.								
---- WATERERS	96.	96.	15	52.80	100	20.00	5.76	7.92
---- SELF-FEEDERS								
---- INDIVIDUAL STALLS								
---- HEAT LAMPS								
---- VENTILATION								
---- OTHER	250.	250.	14	137.50	100	15.00	16.07	20.62
SUB-TOTAL	346.	346.		190.30		35.00	21.83	28.54
EXTRA EQUIPMENT								
WELL AND WATER LINES	2255.	1623.	27	892.38	72	88.51	53.80	133.86
SCALE ---- LB. CAPACITY	135.	135.	19	74.25	100	0.50	6.25	11.14
TRUCKS 1) 1/2 OR 3/4 TON	3800.	1015.	6	558.25	27	316.70	150.22	83.74
2) ONE OR TWO TON	1340.	1015.	6	557.97	76	331.07	146.87	83.70
3) 3 TON	2400.	1325.	9	728.75	55	287.93	138.75	109.31
TRACTORS 1) UP TO 75 H.P.	6250.	1119.	12	615.45	18	108.22	87.41	92.32
2) 76 TO 110 H.P.	2050.	1225.	6	673.75	60	1434.17	191.25	101.06
3) OVER 110 H.P.	700.	140.	5	77.00	20	242.17	25.20	11.55
STANDBY GENERATOR	1300.	745.	18	409.75	57	0.57	36.28	61.46
PRESSURE WASHER	118.	49.	11	26.74	41	10.76	4.11	4.01
TOOLS AND VET., EQUIPMENT	80.	80.	2	44.00	100	20.00	47.70	6.60
GRAIN AUGER	680.	197.	8	108.58	29	3.92	21.34	16.29
OTHER	470.	356.	10	195.85	76		32.05	29.38
SUB-TOTAL	21578.	9023.		4962.74		2844.51	941.24	744.41
LAND - BLDGS. SITE & PASTURE	2610.	2610.		2610.00	100			391.50
TOTAL INVESTMENT	76695.	63085.		35871.18		6593.66	3762.68	5380.68

INTEREST ON BLDGS.EQUIP. MACH. AND LAND AT 15 PERCENT

*** INVESTMENT SCHEDULE ***

ENTERPRISE: FINISHING FOR: REGION 4
CURRENT (1981) MARKET VALUE OF CAPITAL ASSETS ASSOCIATED WITH THE HOG ENTERPRISE

	PRESENT VALUE	ENTERPRISE VALUE	YEARS LIFE	AVERAGE VALUE	+/- USE TO ENTERPRISE	COSTS PER YEAR OPER.	DEPR.	INTER.
LIVESTOCK								
---SOWS $---/HEAD								
---BOARS $---/HEAD								
---GILTS $---/HEAD								
SUB-TOTAL	0.	0.		0.00		0.00	0.00	0.00
BUILDINGS								
FARROWING BARN								
WEANING BARN								
DRY SOW BARN								
GROWER-FINISHER BARN	70388.	70388.	22	38713.13	100	970.00	2906.55	5806.97
OFFICE BUILDING								
ELECTRICAL FOR COMPLETE UNIT								
OTHER								
SUB-TOTAL	70388.	70388.		38713.13		970.00	2906.55	5806.97
OTHER BUILDINGS								
BARNS	3412.	2559.	16	1407.52	75	529.08	143.17	211.13
SHEDS	1130.	1130.	8	621.55	100	15.00	129.43	93.23
FEED TROUGHS	88.	88.	3	48.13	100	11.00	26.25	7.22
SELF-FEEDERS								
FENCING	272.	272.	9	149.65	100	21.00	28.10	22.45
OTHER								
OTHER								
SUB-TOTAL	4901.	4049.		2226.85		576.08	327.15	334.03
MANURE STORAGE, HANDLING SYSTEM								
LAGOON	2196.	2196.		2195.70	100			329.35
STORAGE PIT								
FARROWING BARN								
GROWER-FINISHING BARN	400.	400.	10	220.00	100		36.00	33.00
LIQUID MANURE SPREADER	2700.	2700.	9	1485.00	100	50.00	283.50	222.75
MANURE SPREADER	800.	663.	15	364.38	83	7.45	40.76	54.66
SUBMERSIBLE PUMP OR AGITATOR	1080.	1080.	5	594.00	100	100.00	194.40	89.10
OTHER								
SUB-TOTAL	7176.	7038.		4859.08		157.45	554.66	728.86
FEED STORAGE								
---- STEEL BINS	4451.	4451.	30	2447.83	100	2.00	132.56	367.17
---- WOODEN BINS	1256.	1256.	18	690.69	100	8.00	61.79	103.60
---- FEED BINS ---- TONNES	845.	845.	19	464.53	100	6.50	40.20	69.68
HIGH MOISTURE GRAIN								
OTHER								
SUB-TOTAL	6551.	6551.		3603.05		16.50	234.55	540.46
FEEDING EQUIPMENT								
ELECTRIC HAMMER MILL	7830.	7818.	13	4299.90	100	431.34	561.60	644.98
FEED CONVEYORS	80.	80.	4	44.00	100		18.00	6.60
GRINDER	900.	675.	5	371.25	75	4.13	121.50	55.69
MOBILE GRINDER/MIXER	280.	180.	1	99.00	64	20.89	126.00	14.85
FEED CART								
OTHER								
SUB-TOTAL	9090.	8753.		4814.15		456.36	827.10	722.12
EQUIPMENT IN BARNS								
---- CRATES								
---- PENS ---- FT.								
---- WATERERS	45.	45.	9	24.75	100	1.50	4.50	3.71
---- SELF-FEEDERS	24.	24.	19	13.20	100		1.14	1.98
---- INDIVIDUAL STALLS								
---- HEAT LAMPS								
---- VENTILATION								
---- OTHER	2500.	2500.	13	1375.00	100	55.00	171.00	206.25
SUB-TOTAL	2569.	2569.		1412.95		56.50	176.64	211.94
EXTRA EQUIPMENT								
WELL AND WATER LINES	5022.	3289.	25	1808.96	65	6.09	117.21	271.34
SCALE ---- LB. CAPACITY	265.	265.	4	145.75	100		64.65	21.86
TRUCKS 1) 1/2 OR 3/4 TON	1350.	521.	2	286.47	39	292.73	199.57	42.97
2) ONE OR TWO TON	550.	469.	5	257.67	85	334.55	84.33	38.65
3) 3 TON	7380.	5539.	8	3046.23	75	843.40	659.74	456.93
TRACTORS 1) UP TO 75 H.P.	2750.	2121.	5	1166.69	77	548.23	418.16	175.00
2) 76 TO 110 H.P.	500.	50.	5	27.50	10	18.51	9.00	4.12
3) OVER 110 H.P.	11344.	3017.	7	1659.39	27	647.60	376.09	248.91
STANDBY GENERATOR	3300.	3240.	28	1782.00	98		104.40	267.30
PRESSURE WASHER	350.	323.	2	177.38	92	2.76	162.00	26.61
TOOLS AND VET., EQUIPMENT	521.	320.	9	176.00	61	3.07	32.50	26.40
GRAIN AUGER	1185.	979.	7	538.50	83	42.79	134.26	80.78
OTHER								
SUB-TOTAL	34516.	20132.		11072.54		2759.74	2361.93	1660.88
LAND - BLDGS. SITE & PASTURE	3655.	3655.		3655.00	100			548.25
TOTAL INVESTMENT	138846.	123134.		70356.75		4992.63	7388.57	10553.51

INTEREST ON BLDGS.EQUIP. MACH. AND LAND AT 15 PERCENT

*** INVESTMENT SCHEDULE ***

ENTERPRISE: FINISHING FOR: REGION 5

CURRENT (1981) MARKET VALUE OF CAPITAL ASSETS ASSOCIATED WITH THE HOG ENTERPRISE

	CURRENT VALUE	ENTERPRISE VALUE	REMAIN. LIFE	AVERAGE VALUE	+/- USE TO ENTERPRISE	COSTS PER YEAR OPER.	DEPR.	INTER.
LIVESTOCK								
---SOWS $---/HEAD								21.67
---BOARS $---/HEAD	144.	144.		144.44	100			
---GILTS $---/HEAD								
SUB-TOTAL	144.	144.		144.44		0.00	0.00	21.67
BUILDINGS								
FARROWING BARN	3762.	3762.	20	2069.22	100		169.30	310.38
WEANING BARN	1802.	1802.	18	991.28	100	27.78	91.10	148.69
DRY SOW BARN	5769.	5769.	20	3172.83	100		259.59	475.92
GROWER-FINISHER BARN	16207.	16207.	16	8913.73	100	177.78	936.64	1337.06
OFFICE BUILDING								
ELECTRICAL FOR COMPLETE UNIT								
OTHER	78.	78.	20	42.78	100		3.50	6.42
SUB-TOTAL	27618.	27618.		15189.84		205.56	1460.14	2278.48
OTHER BUILDINGS								
BARNS	1644.	1644.	9	904.44	100	244.44	164.29	135.67
SHEDS	1830.	1547.	17	850.89	85		83.33	127.63
FEED TROUGHS								
SELF-FEEDERS								
FENCING								
OTHER								
OTHER					100			
SUB-TOTAL	3474.	3192.		1755.33		244.44	247.61	263.30
MANURE STORAGE, HANDLING SYSTEM								
LAGOON	500.	500.		500.00	100	22.22		75.00
STORAGE PIT								
FARROWING BARN								
GROWER-FINISHING BARN								
LIQUID MANURE SPREADER	1667.	1556.	7	855.56	93	15.56	206.67	128.33
MANURE SPREADER	744.	691.	10	380.11	93	5.16	63.27	57.02
SUBMERSIBLE PUMP OR AGITATOR								
OTHER								
SUB-TOTAL	2911.	2747.		1735.67		42.94	269.93	260.35
FEED STORAGE								
---- STEEL BINS	2805.	2680.	19	1474.18	96		126.72	221.13
---- WOODEN BINS	2078.	2078.	14	1142.78	100	22.22	135.53	171.42
---- FEED BINS ---- TONNES	422.	422.	13	232.22	100	2.78	28.33	34.83
HIGH MOISTURE GRAIN								
OTHER	2932.	1483.	20	815.70	51		66.74	122.35
SUB-TOTAL	8237.	6663.		3664.88		25.00	357.32	549.73
FEEDING EQUIPMENT								
ELECTRIC HAMMER MILL	467.	467.	10	256.67	100	38.89	42.00	38.50
FEED CONVEYORS	624.	624.	10	343.14	100	8.33	56.15	51.47
GRINDER	389.	389.	5	213.89	100	55.56	70.00	32.08
MOBILE GRINDER/MIXER	2175.	1758.	5	966.93	81	203.46	327.12	145.04
FEED CART								
OTHER								
SUB-TOTAL	3654.	3237.		1780.62		306.24	495.27	267.09
EQUIPMENT IN BARNS								
---- CRATES								
---- PENS ---- FT.								
---- WATERERS	261.	261.	11	143.61	100	7.11	21.38	21.54
---- SELF-FEEDERS	211.	211.	12	116.11	100	4.00	16.00	17.42
---- INDIVIDUAL STALLS								
---- HEAT LAMPS	2.	2.	2	0.92	100		0.75	0.14
---- VENTILATION								
---- OTHER	1333.	1333.	15	733.33	100	22.22	80.00	110.00
SUB-TOTAL	1807.	1807.		993.97		33.33	118.13	149.10
EXTRA EQUIPMENT								
WELL AND WATER LINES	1781.	1127.	21	619.59	63	59.05	49.03	92.94
SCALE ---- LB. CAPACITY	28.	28.	15	15.28	100		1.67	2.29
TRUCKS 1) 1/2 OR 3/4 TON	2722.	1081.	5	594.61	40	592.07	209.85	89.19
2) ONE OR TWO TON	1444.	439.	5	241.39	30	123.29	80.24	36.21
3) 3 TON	3537.	1693.	6	931.32	48	239.01	266.76	139.70
TRACTORS 1) UP TO 75 H.P.	7122.	1567.	9	861.67	22	368.40	160.29	129.25
2) 76 TO 110 H.P.	3556.	1944.	9	1069.44	76	1059.89	205.00	160.42
3) OVER 110 H.P.	1944.	1022.	10	562.22	53	142.94	92.00	84.33
STANDBY GENERATOR	2178.	1200.	11	660.00	55	438.24	98.17	99.00
PRESSURE WASHER	61.	17.	3	10.39	31	0.69	6.40	1.56
TOOLS AND VET., EQUIPMENT	678.	344.	20	189.44	51		15.50	28.42
GRAIN AUGER	685.	322.	7	177.15	47	7.84	44.38	26.57
OTHER								
SUB-TOTAL	24735.	10786.		5932.50		3031.43	1229.47	889.88
LAND - BLDGS SITE + PASTURE	2953.	2908.		2908.33	98			436.25
TOTAL INVESTMENT	75534.	59103.		34105.59		3888.94	4177.88	5115.84

INTEREST ON BLDGS.EQUIP. MACH. AND LAND AT 15 PERCENT

*** INVESTMENT SCHEDULE ***

ENTERPRISE: FINISHING FOR: REGION 6

CURRENT (1981) MARKET VALUE OF CAPITAL ASSETS ASSOCIATED WITH THE HOG ENTERPRISE

	PRESENT VALUE	ENTERPRISE VALUE	YEARS LIFE	AVERAGE VALUE	*/* USE TO ENTERPRISE	COSTS PER YEAR OPER.	DEPR.	INTER.
LIVESTOCK								
---SOWS $---/HEAD								
---BOARS $---/HEAD								
---GILTS $---/HEAD								
SUB-TOTAL	0.	0.		0.00		0.00	0.00	0.00
BUILDINGS								
FARROWING BARN	7938.	7938.	15	4365.63	100	150.00	489.37	654.84
WEANING BARN	6448.	6448.	17	3546.33	100	87.50	344.87	531.95
DRY SOW BARN	9615.	9615.	20	5288.46	100	125.00	432.69	793.27
GROWER-FINISHER BARN	35801.	35801.	15	19690.27	100	306.25	2180.26	2953.54
OFFICE BUILDING								
ELECTRICAL FOR COMPLETE UNIT								
OTHER	4762.	476.	20	261.90	10	0.12	21.43	39.29
SUB-TOTAL	64563.	60277.		33152.59		668.87	3470.63	4972.89
OTHER BUILDINGS								
BARNS								
SHEDS	3125.	3125.	20	1718.75	100	25.00	140.62	257.81
FEED TROUGHS								
SELF-FEEDERS								
FENCING	698.	698.	8	384.11	100	43.75	79.14	57.62
OTHER								
OTHER								
SUB-TOTAL	3823.	3823.		2102.86		68.75	219.76	315.43
MANURE STORAGE, HANDLING SYSTEM								
LAGOON								
STORAGE PIT								
FARROWING BARN								
GROWER-FINISHING BARN								
LIQUID MANURE SPREADER	5713.	4875.	7	2681.25	85	138.68	618.31	402.19
MANURE SPREADER								
SUBMERSIBLE PUMP OR AGITATOR	100.	100.	4	55.00	100		22.50	8.25
OTHER								
SUB-TOTAL	5813.	4975.		2736.25		138.68	640.81	410.44
FEED STORAGE								
---- STEEL BINS	3417.	3396.	20	1867.87	99	27.33	154.67	280.18
---- WOODEN BINS	2035.	1820.	10	1000.93	89	98.38	165.47	150.14
---- FEED BINS ---- TONNES	1000.	1000.	13	550.00	100	15.00	60.39	82.50
HIGH MOISTURE GRAIN								
OTHER								
SUB-TOTAL	6452.	6216.		3418.80		140.71	380.53	512.82
FEEDING EQUIPMENT								
ELECTRIC HAMMER MILL	1042.	1042.	5	572.89	100	37.50	107.49	85.93
FEED CONVEYORS								
GRINDER								
MOBILE GRINDER/MIXER	3025.	2878.	4	1582.97	95	169.48	688.69	237.45
FEED CART								
OTHER								
SUB-TOTAL	4067.	3920.		2155.86		206.98	876.18	323.38
EQUIPMENT IN BARNS								
---- CRATES								
---- PENS ---- FT.								
---- WATERERS								
---- SELF-FEEDERS	25.	25.	10	13.75	100		2.25	2.06
---- INDIVIDUAL STALLS								
---- HEAT LAMPS								
---- VENTILATION	703.	703.	15	386.72	100	12.50	42.19	58.01
---- OTHER	728.	728.		400.47		12.50	44.44	60.07
SUB-TOTAL								
EXTRA EQUIPMENT	3582.	3044.	17	1674.41	85	72.77	165.34	251.16
WELL AND WATER LINES	38.	25.	9	13.75	67		2.37	2.06
SCALE ---- LB. CAPACITY	825.	410.	1	225.57	50	827.48	314.10	33.84
TRUCKS 1) 1/2 OR 3/4 TON	2363.	2013.	10	1106.88	85	344.04	186.37	166.03
2) ONE OR TWO TON	5500.	2454.	4	1349.91	45	615.69	531.67	202.49
3) 3 TON						545.27	97.50	55.69
TRACTORS 1) UP TO 75 H.P.	2250.	675.	6	371.25	30	829.47	713.11	364.00
2) 76 TO 110 H.P.	9888.	4412.	6	2426.67	45	15.42	157.50	144.37
3) OVER 110 H.P.	8750.	1750.	10	962.50	20	13.13	20.25	9.28
STANDBY GENERATOR	113.	113.	5	61.88	100	13.50	14.62	5.16
PRESSURE WASHER	63.	63.	4	34.38	100	18.45	38.43	19.03
TOOLS AND VET., EQUIPMENT	313.	231.	5	126.84	74	13.51	53.30	35.76
GRAIN AUGER	850.	434.	7	238.42	51	1.29	28.48	25.18
OTHER	348.	305.	10	167.89	88	3312.23	2323.07	1314.05
SUB-TOTAL	34880.	15928.		8760.33				
LAND - BLDGS, SITE & PASTURE	2663.	2663.		2662.50	100			199.37
TOTAL INVESTMENT	122988.	98530.		55389.66		4548.71	7963.42	8308.45

INTEREST ON BLDGS,EQUIP, MACH. AND LAND AT 15 PERCENT

*** INVESTMENT SCHEDULE ***

ENTERPRISE: FINISHING FOR: REGION 7

CURRENT (1981) MARKET VALUE OF CAPITAL ASSETS ASSOCIATED WITH THE HOG ENTERPRISE

	PRESENT VALUE	ENTERPRISE VALUE	YEARS LIFE	AVERAGE VALUE	+/- USE TO ENTERPRISE	-------COSTS PER YEAR------ OPER.	DEPR.	INTER.
LIVESTOCK								
---SOWS $---/HEAD								
---BOARS $---/HEAD								
---GILTS $---/HEAD								
SUB-TOTAL	0.	0.		0.00		0.00	0.00	0.00
BUILDINGS								
FARROWING BARN								
WEANING BARN					100	285.71	0.13	
DRY SOW BARN								
GROWER-FINISHER BARN	10071.	10071.	9	5539.29	100	707.14	1022.14	830.89
OFFICE BUILDING								
ELECTRICAL FOR COMPLETE UNIT	71.	71.	10	39.29	100		6.43	5.89
OTHER	143.	143.	10	78.57	100		12.99	11.79
SUB-TOTAL	10286.	10286.		5657.14		992.86	1041.69	848.57
OTHER BUILDINGS								
BARNS								
SHEDS								
FEED TROUGHS	74.	74.	10	41.64	100		6.81	6.25
SELF-FEEDERS	7.	7.	10	3.93	100		0.64	0.59
FENCING	25.	25.	5	13.75	100		4.98	2.06
OTHER								
OTHER								
SUB-TOTAL	108.	108.		59.32		0.00	12.44	8.90
MANURE STORAGE, HANDLING SYSTEM								
LAGOON								
STORAGE PIT								
FARROWING BARN								
GROWER-FINISHING BARN								
LIQUID MANURE SPREADER	743.	700.	6	385.00	94	53.85	114.00	57.75
MANURE SPREADER	71.	71.	5	39.29	100	7.14	12.86	5.89
SUBMERSIBLE PUMP OR AGITATOR	33.	33.	10	18.07	100		2.96	2.71
OTHER								
SUB-TOTAL	847.	804.		442.36		60.99	129.81	66.35
FEED STORAGE								
---- STEEL BINS	1757.	1627.	20	894.93	93		73.22	134.24
---- WOODEN BINS	1500.	587.	9	322.93	39	50.33	59.53	48.44
---- FEED BINS ---- TONNES	71.	71.	20	39.29	100		3.21	5.89
HIGH MOISTURE GRAIN								
OTHER								
SUB-TOTAL	3329.	2286.		1257.14		50.33	135.96	188.57
FEEDING EQUIPMENT								
ELECTRIC HAMMER MILL	1333.	1333.	10	733.31	100	42.86	120.00	110.00
FEED CONVEYORS								
GRINDER								
MOBILE GRINDER/MIXER	714.	707.	6	388.93	99	91.93	104.79	58.34
FEED CART								
OTHER								
SUB-TOTAL	2048.	2040.		1122.24		134.79	224.78	168.34
EQUIPMENT IN BARNS								
---- CRATES								
---- PENS ---- FT.								
---- WATERERS								
---- SELF-FEEDERS								
---- INDIVIDUAL STALLS								
---- HEAT LAMPS								
---- VENTILATION	34.	34.	9	18.86	100		3.34	2.83
---- OTHER	71.	71.	5	39.29	100	14.29	12.86	5.89
SUB-TOTAL	106.	106.		58.14		14.29	16.20	8.72
EXTRA EQUIPMENT								
WELL AND WATER LINES	1467.	1198.	16	659.08	82	61.24	67.28	98.86
SCALE ---- LB. CAPACITY	57.	57.	10	31.43	100		5.14	4.71
TRUCKS 1) 1/2 OR 3/4 TON	4357.	1357.	4	746.43	31	528.54	289.74	111.96
2) ONE OR TWO TON	500.	100.	5	55.00	20	64.40	18.00	8.25
3) 3 TON	5729.	2888.	8	1588.32	50	1044.21	338.24	238.25
TRACTORS 1) UP TO 75 H.P.	2614.	1014.	5	557.86	39	733.31	178.75	83.68
2) 76 TO 110 H.P.	2929.	521.	6	286.79	18	365.66	73.29	43.02
3) OVER 110 H.P.	129.	93.	5	51.07	72	48.18	16.71	7.66
STANDBY GENERATOR	1786.	1643.	19	903.57	92	19.71	79.29	135.54
PRESSURE WASHER	329.	283.	7	155.57	86	63.09	37.54	23.34
TOOLS AND VET., EQUIPMENT	100.	86.	5	47.14	86	3.06	14.91	7.07
GRAIN AUGER	529.	216.	3	118.64	41	11.08	69.36	17.80
OTHER	393.	223.	10	122.77	57	36.53	20.89	18.42
SUB-TOTAL	20917.	9679.		5323.67		2999.01	1209.15	798.55
LAND - BLDGS. SITE + PASTURE	1164.	1164.		1164.29	100			174.64
TOTAL INVESTMENT	38804.	26473.		15084.30		4252.26	2770.03	2262.65

INTEREST ON BLDGS.EQUIP. MACH. AND LAND AT 15 PERCENT

*** INVESTMENT SCHEDULE ***

ENTERPRISE: FINISHING FOR: <100 HEAD

CURRENT (1981) MARKET VALUE OF CAPITAL ASSETS ASSOCIATED WITH THE HOG ENTERPRISE

	CURRENT VALUE	ENTERPRISE VALUE	REMAIN. LIFE	AVERAGE VALUE	+/- USE TO ENTERPRISE	COSTS PER YEAR OPER.	DEPR.	INTER.
LIVESTOCK								
___SOWS $___/HEAD								
___BOARS $___/HEAD								
___GILTS $___/HEAD								
___SUB-TOTAL	0.	0.		0.00		0.00	0.00	0.00
BUILDINGS								
FARROWING BARN								
WEANING BARN								
DRY SOW BARN								
GROWER-FINISHER BARN	1382.	1382.	16	759.83	100	5.00	75.49	113.97
OFFICE BUILDING								
ELECTRICAL FOR COMPLETE UNIT								
OTHER								
SUB-TOTAL	1382.	1382.		759.83		5.00	75.49	113.97
OTHER BUILDINGS								
BARNS								
SHEDS								
FEED TROUGHS								
SELF-FEEDERS	643.	643.	15	353.38	100		28.55	53.01
FENCING								
OTHER								
OTHER					100			
SUB-TOTAL	643.	643.		353.38		0.00	28.55	53.01
MANURE STORAGE, HANDLING SYSTEM								
LAGOON								
STORAGE PIT								
FARROWING BARN								
GROWER-FINISHING BARN								
LIQUID MANURE SPREADER								
MANURE SPREADER	225.	113.	10	61.88	50	50.00	10.12	9.26
SUBMERSIBLE PUMP OR AGITATOR								
OTHER								
SUB-TOTAL	225.	113.		61.88		50.00	10.12	9.26
FEED STORAGE								
____ STEEL BINS	887.	887.	20	487.85	100		29.92	73.19
____ WOODEN BINS								
____ FEED BINS ____ TONNES	6250.	1875.	20	1031.25	30		84.37	154.69
HIGH MOISTURE GRAIN								
OTHER								
SUB-TOTAL	7137.	2762.		1519.10		0.00	124.29	227.88
FEEDING EQUIPMENT								
ELECTRIC HAMMER MILL								
FEED CONVEYORS								
AUGER								
MOBILE GRINDER/MIXER	375.	188.	6	103.13	50	100.00	28.12	15.47
FEED CART								
OTHER								
SUB-TOTAL	375.	188.		103.13		100.00	28.12	15.47
EQUIPMENT IN BARNS								
____ CRATES								
____ PENS ____ FT.								
____ WATERERS								
____ SELF-FEEDERS								
____ INDIVIDUAL STALLS								
____ HEAT LAMPS								
____ VENTILATION								
____ OTHER								
____ SUB-TOTAL	480.	480.		264.00		100.00	28.80	39.60
EXTRA EQUIPMENT								
MILK AND WATER LINES	2813.	844.	15	464.06	30		50.62	69.61
SCALE ____ LB. CAPACITY								
TRUCKS 1) 1/2 OR 3/4 TON	11750.	1450.	6	797.50	.2	455.84	321.75	119.92
2) ONE OR TWO TON								
3) 3 TON								
TRACTORS 1) UP TO 75 H.P.	24000.	3270.	15	1798.50	.4	291.27	194.05	268.77
2) 76 TO 110 H.P.								
3) OVER 110 H.P.								
STANDBY GENERATOR	1500.	500.	10	275.00	.2		45.00	41.25
PRESSURE WASHER	263.	13.	10	7.22	.3	6.25	1.18	1.08
TOOLS AND VET., EQUIPMENT	150.	150.	1	82.50	100		35.00	12.37
AUGER	1522.	181.	6	99.33	.2	6.18	19.19	14.90
OTHER								
SUB-TOTAL	13008.	6407.		3524.11		59.54	766.80	528.62
LAND - BLDGS. SITE & PASTURE	3000.	3000.		1000.00	100			150.00
TOTAL INVESTMENT	36249.	14973.		8385.41		214.54	1072.16	1237.81

INTEREST ON BLDGS.EQUIP. MACH. AND LAND AT 15 PERCENT

*** INVESTMENT SCHEDULE ***

ENTERPRISE: FINISHING FOR: 100-199 HEAD

CURRENT (1981) MARKET VALUE OF CAPITAL ASSETS ASSOCIATED WITH THE HOG ENTERPRISE

	CURRENT VALUE	ENTERPRISE VALUE	REMAIN. LIFE	AVERAGE VALUE	% USE TO ENTERPRISE	COSTS PER YEAR OPER.	DEPR.	INTER.
LIVESTOCK								
___SOWS $___/HEAD								
___BOARS $___/HEAD								
___GILTS $___/HEAD								
SUB-TOTAL	0.	0.		0.00		0.00	0.00	0.00
BUILDINGS								
FARROWING BARN	120.	120.	19	66.00	100	2.00	5.68	9.90
WEANING BARN								
DRY SOW BARN	120.	120.	19	66.00	100	2.00	5.68	9.90
GROWER-FINISHER BARN	4068.	4050.	10	2227.22	100	198.13	371.79	334.08
OFFICE BUILDING								
ELECTRICAL FOR COMPLETE UNIT	50.	50.	10	27.50	100		4.50	4.12
OTHER	100.	100.	10	55.00	100		9.00	8.25
SUB-TOTAL	4458.	4440.		2442.72		200.13	396.66	366.26
OTHER BUILDINGS								
BARNS	1243.	665.	8	365.54	53	12.46	77.32	54.83
SHEDS	1044.	1034.	10	568.81	99	10.89	58.75	85.32
FEED TROUGHS	143.	143.	4	78.38	100	11.00	21.20	11.76
SELF-FEEDERS	5.	5.	10	2.75	100		0.45	0.41
FENCING	79.	79.	7	43.17	100	6.00	10.09	6.48
OTHER								
OTHER					100			
SUB-TOTAL	2513.	1925.		1058.65		40.36	169.80	158.80
MANURE STORAGE, HANDLING SYSTEM								
LAGOON								
STORAGE PIT								
FARROWING BARN								
GROWER-FINISHING BARN								
LIQUID MANURE SPREADER	350.	320.	8	176.00	91	9.14	49.20	26.40
MANURE SPREADER	190.	76.	6	42.63	41	4.08	10.95	6.39
SUBMERSIBLE PUMP OR AGITATOR	23.	23.	10	12.65	100		2.07	1.90
OTHER								
SUB-TOTAL	563.	421.		231.28		13.22	62.22	34.69
FEED STORAGE								
____ STEEL BINS	1234.	1113.	21	612.20	90	1.80	47.15	91.83
____ WOODEN BINS	866.	382.	14	193.54	41	30.48	33.40	29.03
____ FEED BINS ____ TONNES	130.	126.	13	69.30	97	12.12	8.42	10.39
HIGH MOISTURE GRAIN								
OTHER								
SUB-TOTAL	2230.	1581.		875.05		44.40	78.96	131.26
FEEDING EQUIPMENT								
ELECTRIC HAMMER MILL	530.	416.	12	229.90	79	25.24	30.60	34.48
FEED CONVEYORS								
GRINDER								
MOBILE GRINDER/MIXER	1660.	1079.	7	591.26	64	80.22	191.75	88.69
FEED CART								
OTHER								
SUB-TOTAL	2210.	1493.		821.15		115.46	172.35	123.17
EQUIPMENT IN BARNS								
____ CRATES								
____ PENS ____ FT.								
____ WATERERS	120.	120.	8	66.00	100	1.50	14.14	9.90
____ SELF-FEEDERS	124.	124.	11	68.20	104		10.14	10.23
____ INDIVIDUAL STALLS								
____ HEAT LAMPS	2.	2.	2	0.83	100		0.67	0.12
____ VENTILATION	24.	24.	9	13.20	100		2.34	1.98
____ OTHER								
____ SUB-TOTAL	270.	270.		148.22		1.50	27.29	22.23
WATER EQUIPMENT								
WELL AND WATER LINES	2024.	697.	20	383.09	34	21.33	31.99	57.45
STOCK TANK CAPACITY	30.	30.	20	16.50	100		4.35	2.47
TRACTORS (1) 1/2 UP TO 3/4 TON	2230.	605.	3	332.94	47	484.24	193.27	49.94
2) 1 UP TO TWO TON	740.	352.	10	193.80	48	84.34	32.80	29.04
3) 3 TON	1630.	415.	11	173.30	47	20.89	25.09	25.12
TRACTORS (1) UP TO 75 H.P.	4660.	870.	5	478.36	18	375.91	181.33	71.75
2) 76 TO 110 H.P.	800.	160.	10	88.00	20	78.30	14.40	13.20
3) OVER 110 H.P.	4500.	185.	14	98.75	4	46.61	13.59	13.81
STANDBY GENERATOR								
PRESSURE WASHER	25.	13.	5	6.88	52		2.25	1.72
DISCS AND MISC. EQUIPMENT	262.	80.	5	44.20	31	11.82	13.15	6.61
CHAIN AUGER	403.	123.	8	56.43	31	4.70	12.21	8.46
OTHER	454.	154.	12	82.50	62	24.00	13.50	12.37
SUB-TOTAL	18049.	4339.		1966.15		191.25	511.99	291.85
LAND - BLDGS. SITE & PASTURE	2163.	2163.		1192.58	.28			434.17
TOTAL INVESTMENT	32455.	15060.		8864.93		1556.32	1918.93	1452.74

INTEREST ON BLDGS.EQUIP. MACH. AND LAND AT 15 PERCENT

*** INVESTMENT SCHEDULE ***

ENTERPRISE: BUILDING FOR: 200-499 HEAD

CURRENT (1981) MARKET VALUE OF CAPITAL ASSETS ALLOCATED WITH THIS ENTERPRISE

	CURRENT VALUE	ENTERPRISE SHARE		AVERAGE VALUE	% LIFE TO ENTERPRISE	ANNUAL OWN COST		
INVENTORY								
___ GRAIN $ ___ /BU								
___ HAY $ ___ /TON								
___ SILAGE $ ___ /TON								
SUB-TOTAL	0.	0.		0.00		0.00	0.00	0.00
BUILDINGS								
FARROWING BARN								
FEEDING BARN	187.	187.	10	81.67	100	187.00	18.67	18.75
GRAIN BIN								
GRAIN-DRYING BARN	11300.	11300.	10	6241.20	100	695.83	1113.81	819.14
OFFICE BUILDING								
ELECTRICAL FOR COMPLETE UNIT								
OTHER								
SUB-TOTAL	11514.	11514.		6332.85		483.33	1220.68	869.89
OTHER BUILDINGS								
BARNS	439.	239.	10	125.81	54	1.83	20.13	18.87
ARTOS	487.	487.	0	258.71	100	7.50	33.43	38.51
FEED TROUGHS								
SELF-FEEDERS								
FENCING	413.	413.	15	223.50	100	25.00	29.22	32.94
SHED								
OTHER								
SUB-TOTAL	1339.	1139.		608.02		33.33	149.02	91.33
MANURE STORAGE, HANDLING SYSTEM								88.35
LAGOON	580.	580.		579.75	175			
ATTACHED PIT								
FARROWING BARN							30.92	27.50
GROWING-FINISHING BARN	333.	333.	10	183.33	100		183.51	110.10
LIQUID MANURE SPREADER	1387	1383.	6	704.83	54	58.19	100.81	63.22
MANURE SPREADER	538.	438.	10	268.13	88	3.20	24.84	20.22
SUBSTITUTABLE PUMP IN AGITATOR	233.	233.	5	128.33	100		42.00	18.45
OTHER								
SUB-TOTAL	3121.	3017.		1923.37		91.39	282.35	288.35
FEED STORAGE								
STEEL BIN	1455.	1455.	23	822.48	100	1.67	59.38	123.37
___ BIN	853.	853.	13	488.20	100	15.00	57.38	73.24
___ BIN	487.	487.	15	287.04	100	12.82	37.22	40.15
___ FEED BIN ___ TONS								
HIGH MOISTURE GRAIN								
OTHER	750.	750.	20	412.50	100		33.75	61.87
SUB-TOTAL	3545.	3545.		1972.10		28.50	177.74	295.81
FEEDING EQUIPMENT								
AUTOMATIC FEEDER BINS								
FEED CONVEYING								
AUGER	750.	563.	0	300.30	75	3.00	101.25	99.91
MOBILE GRINDER/MIXER	1083.	469.	0	478.04	80	47.47	204.12	71.71
FEED CART								
OTHER								
SUB-TOTAL	1833.	1432.		787.42		50.81	305.37	118.11
EQUIPMENT IN BARNS								
___ CRATES								
___ PENS ___ FT.								
___ WATERERS	133.	133.	15	73.33	100	5.33	8.00	11.00
___ SELF-FEEDERS	75.	75.	15	41.25	100	3.00	4.50	6.19
___ INDIVIDUAL STALLS								
___ HEAT LAMPS								
___ VENTILATION								
___ OTHER	833.	833.	25	458.33	100	12.50	30.00	68.75
SUB-TOTAL	1042.	1042.		572.92		20.83	42.50	85.94
EXTRA EQUIPMENT								
WELL AND WATER LINES	2480.	1802.	20	991.08	73	25.00	62.60	148.66
SCALE ___ LB. CAPACITY	125.	125.	21	68.75	100	0.42	5.42	10.31
TRUCKS 1) 1/2 TO 1½ TON	2425.	990.	4	544.32	41	379.37	228.34	81.65
2) ONE OR TWO TON	1183.	547.	7	300.67	46	148.75	67.02	45.10
3) 3 TON	2875.	925.	4	508.75	32	337.44	218.37	76.31
TRACTORS 1) UP TO 75 H.P.	1458.	773.	10	425.10	22	103.88	71.56	63.77
2) 76 TO 110 H.P.	3250.	1617.	8	889.17	50	415.15	176.59	133.37
3) OVER 110 H.P.	4870.	1556.	8	855.74	32	338.77	159.66	128.36
STANDBY GENERATOR	82.	50.	11	27.50	55	0.23	4.00	4.16
PRESSURE WASHER	42.	38.	10	20.63	90	2.25	3.37	3.29
TOOLS AND MET., EQUIPMENT	146.	81.	4	44.69	56	11.89	17.67	8.72
AUGER	508.	488.	10	268.43	95	12.47	42.77	38.86
OTHER	24.	20.	7	11.09	86		4.49	1.66
SUB-TOTAL	21478.	9007.		4953.90		1773.62	1080.67	743.09
LAND - BLDGS. SITE & PASTURE	2204.	2171.		2170.83	98			325.62
TOTAL INVESTMENT	46113.	32874.		19318.52		2452.97	3040.73	2897.78

INTEREST ON BLDGS.EQUIP, MACH. AND LAND AT 15 PERCENT

*** INVESTMENT SCHEDULE ***

ENTERPRISE: FINISHING FOR: 500-999 HEAD

CURRENT (1981) MARKET VALUE OF CAPITAL ASSETS ASSOCIATED WITH THE HOG ENTERPRISE

	CURRENT VALUE	ENTERPRISE VALUE	REMAIN. LIFE	AVERAGE VALUE	+/- USE TO ENTERPRISE	------COSTS PER YEAR------ OPER.	DEPR.	INTER.
LIVESTOCK								
___SOWS $___/HEAD								
___BOARS $___/HEAD								
___GILTS $___/HEAD								
SUB-TOTAL	0.	0.		0.00		0.00	0.00	0.00
BUILDINGS								
FARROWING BARN	845.	845.	14	484.88	100	15.48	53.71	69.73
WEANING BARN	4087.	4087.	14	2248.01	100	48.81	268.09	337.20
DRY SOW BARN	678.	678.	15	373.21	100	5.95	40.71	55.98
GROWER-FINISHER BARN	34912.	34912.	16	19201.50	100	1870.24	2033.50	2680.22
OFFICE BUILDING								
ELECTRICAL FOR COMPLETE UNIT								
OTHER								
SUB-TOTAL	1814.	181.	20	99.77	10	0.05	8.16	10.97
OTHER BUILDINGS	42337.	40704.		22387.37		1940.52	2376.18	3358.11
BARNS	524.	524.	10	288.10	100	25.24	47.14	43.21
SHEDS								
FEED TROUGHS								
SELF-FEEDERS								
FENCING								
OTHER								
OTHER								
SUB-TOTAL	524.	524.		288.10		25.24	47.14	43.21
MANURE STORAGE, HANDLING SYSTEM								
LAGOON	143.	143.		142.86	100	9.52		21.43
STORAGE PIT								
FARROWING BARN								
GROWER-FINISHING BARN	298.	298.	15	183.69	100		17.86	24.55
LIQUID MANURE SPREADER	3349.	3030.	8	1666.34	90	78.84	339.54	249.95
MANURE SPREADER	570.	547.	10	300.88	96	4.80	49.71	45.15
SUBMERSIBLE PUMP OR AGITATOR	38.	38.	4	20.95	100		8.57	3.14
OTHER								
SUB-TOTAL	4397.	4056.		2294.82		93.16	415.67	344.22
FEED STORAGE								
___ STEEL BINS	2255.	2193.	20	1206.23	97	13.90	100.83	180.93
___ WOODEN BINS	955.	871.	11	478.89	91	45.15	71.33	71.83
___ FEED BITS ___ TONNES	500.	500.	12	275.00	100	4.52	37.46	41.25
HIGH MOISTURE GRAIN								
OTHER								
SUB-TOTAL	3710.	3564.		1960.12		63.57	209.62	294.02
FEEDING EQUIPMENT								
ELECTRIC HAMMER MILL	1079.	1079.	7	593.63	100	42.88	141.42	89.04
FEED CONVEYORS	881.	881.	11	484.52	100	11.67	70.43	72.68
GRINDER	167.	167.	5	91.67	100	23.81	30.00	13.75
MOBILE GRINDER/MIXER	1412.	1342.	6	738.11	95	61.31	218.50	110.72
FEED CART	17.	17.	6	9.43	100		2.86	1.41
OTHER								
SUB-TOTAL	3556.	3486.		1917.36		139.65	463.31	287.60
EQUIPMENT IN BARNS								
___ CRATES								
___ PENS ___ FT.								
___ WATERERS	18.	18.	7	9.89	100		2.31	1.45
___ SELF-FEEDERS	68.	68.	6	37.32	100		4.64	5.60
___ INDIVIDUAL STALLS	81.	81.	15	44.52	100		4.86	6.68
___ HEAT LAMPS								
___ VENTILATION	48.	48.	10	26.19	100		4.29	3.93
___ OTHER	1792.	1792.	12	985.42	100	38.10	131.79	147.81
SUB-TOTAL	2006.	2006.		1103.14		38.10	152.88	165.47
EXTRA EQUIPMENT								
WELL AND WATER LINES	3305.	2440.	23	1342.18	74	55.90	97.36	201.33
SCALE ___ LB. CAPACITY	26.	26.	15	14.40	100		1.54	2.16
TRUCKS 1) 1/2 OR 3/4 TON	2771.	734.	6	403.73	26	299.34	112.23	60.56
2) ONE OR TWO TON	1224.	918.	9	504.82	75	241.14	94.14	75.72
3) 3 TON	5489.	2106.	8	1158.26	38	334.68	244.39	173.74
TRACTORS 1) UP TO 75 H.P.	3195.	1260.	7	692.74	39	393.76	160.95	103.91
2) 76 TO 110 H.P.	4529.	1478.	5	813.14	33	504.50	250.76	121.97
3) OVER 110 H.P.	9852.	2098.	9	1153.69	21	241.55	201.67	173.25
STANDBY GENERATOR	1322.	783.	13	430.57	59	204.38	54.12	64.59
PRESSURE WASHER	192.	136.	5	74.94	71	19.19	25.21	11.24
TOOLS AND VET. EQUIPMENT	75.	56.	4	36.54	89	8.44	14.12	5.44
GRAIN AUGER	647.	198.	5	107.78	30	4.38	32.93	16.17
OTHER	446.	183.	3	130.40	74	1.77	16.70	15.26
SUB-TOTAL	32873.	12424.		6833.19		4299.62	1306.12	1024.98
LAND - BLDGS, SITE & PASTURE	2700.	2700.		4700.00	100			405.00
TOTAL INVESTMENT	92133.	69463.		39484.10		4579.86	4970.63	5922.61

INTEREST ON BLDGS,EQUIP, MACH, AND LAND AT 15 PERCENT

*** INVESTMENT SCHEDULE ***

ENTERPRISE: FINISHING FOR: 1000-1499 HEAD

CURRENT (1981) MARKET VALUE OF CAPITAL ASSETS ASSOCIATED WITH THE HOG ENTERPRISE

	CURRENT VALUE	ENTERPRISE VALUE	REMAIN. LIFE	AVERAGE VALUE	+/- USE TO ENTERPRISE	COSTS PER YEAR OPER.	DEPR.	INTER.
LIVESTOCK								
---SOWS @---/HEAD	83.	83.		83.33	100			12.50
---BOARS @---/HEAD	133.	133.		133.33	100			20.00
---GILTS @---/HEAD								
SUB-TOTAL	217.	217.		216.67		0.00	0.00	32.50
BUILDINGS								
FARROWING BARN	2822.	2822.	20	1551.92	100		126.97	232.79
WEANING BARN	5031.	5031.	19	2767.00	100	41.67	235.50	415.05
DRY SOW BARN	4327.	4327.	20	2379.42	100		194.70	356.94
GROWER-FINISHER BARN	36197.	36197.	16	19908.21	100	1112.50	2076.77	2986.23
OFFICE BUILDING								
ELECTRICAL FOR COMPLETE UNIT								
OTHER	50.	50.	19	32.08	100		2.70	4.81
SUB-TOTAL	48434.	48434.		26638.84		1154.17	2636.64	3995.83
OTHER BUILDINGS								
BARNS	2083.	2083.	20	1145.83	100	616.67	93.75	171.87
SHEDS	1041.	848.	20	466.46	80		38.18	70.00
FEED TROUGHS								
SELF-FEEDERS								
FENCING	333.	333.	9	183.33	100	4.17	33.33	27.50
OTHER								
OTHER								
SUB-TOTAL	3477.	3265.		1795.82		620.83	165.26	269.37
MANURE STORAGE, HANDLING SYSTEM								
LAGOON	125.	125.		125.00	100			18.75
STORAGE PIT								
FARROWING BARN								
GROWER-FINISHING BARN								
LIQUID MANURE SPREADER	2408.	2408.	8	1434.58	100	41.67	306.87	215.19
MANURE SPREADER	83.	83.	4	45.83	100	12.50	16.95	6.87
SUBMERSIBLE PUMP OR AGITATOR								
OTHER								
SUB-TOTAL	2817.	2817.		1605.42		54.17	323.82	240.81
FEED STORAGE								
---- STEEL BINS	2938.	2938.	30	1615.85	100		96.91	242.38
---- WOODEN BINS	1037.	1037.	15	570.21	100		42.20	85.53
---- FEED BINS ---- TONNES	750.	750.	20	412.50	100	5.00	34.59	61.87
HIGH MOISTURE GRAIN								
OTHER	1449.	362.	20	199.27	25		14.30	29.89
SUB-TOTAL	6174.	5087.		2797.84		5.00	200.01	419.68
FEEDING EQUIPMENT								
ELECTRIC HAMMER MILL	2325.	2325.	6	1278.75	100	179.17	338.06	191.81
FEED CONVEYORS	385.	385.	10	211.52	100		34.61	31.73
GRINDER								
MOBILE GRINDER/MIXER	1069.	1033.	6	567.99	95	98.76	155.89	85.20
FEED CART								
OTHER								
SUB-TOTAL	3799.	3742.		2058.26		277.93	528.56	308.74
EQUIPMENT IN BARNS								
---- CRATES								
---- PENS ---- FT.								
---- WATERERS								
---- SELF-FEEDERS								
---- INDIVIDUAL STALLS								
---- HEAT LAMPS								
---- VENTILATION								
---- OTHER								
SUB-TOTAL	292.	292.	14	160.42	100	14.58	18.39	24.06
EXTRA EQUIPMENT	292.	292.		160.42		14.58	18.39	24.06
WELL AND WATER LINES								
SCALE ---- LB. CAPACITY	2494.	1692.	25	930.82	68	141.39	61.97	139.62
TRUCKS 1) 1/2 OR 3/4 TON	129.	129.	15	71.04	100		7.84	10.66
2) ONE OR TWO TON	2583.	1400.	6	879.86	62	457.95	227.58	131.98
3) 3 TON	2292.	1494.	9	821.56	65	446.49	205.32	123.23
TRACTORS 1) UP TO 75 H.P.	6111.	4535.	11	2494.47	74	809.32	380.37	374.17
2) 76 TO 110 H.P.	1542.	871.	12	478.96	56	535.30	63.42	71.84
3) OVER 110 H.P.	6708.	2770.	9	1523.63	41	1389.67	383.19	228.54
STANDBY GENERATOR	8425.	1488.	8	818.58	17	858.16	159.75	122.79
PRESSURE WASHER	2000.	1623.	19	892.60	81	15.89	77.35	133.89
TOOLS AND VET. EQUIPMENT	225.	198.	7	108.85	88	9.37	26.17	16.33
GRAIN AUGER	528.	288.	11	158.13	53	6.69	24.00	23.72
OTHER	676.	525.	6	287.32	77	7.77	76.38	43.10
SUB-TOTAL	733.	670.	14	368.50	91		44.08	55.27
	34654.	17881.		9834.33		4468.96	1737.43	1475.15
LAND - BLDGS. SITE + PASTURE	2517.	2517.		2516.67	100			377.50
TOTAL INVESTMENT	102382.	84251.		47614.25		6795.64	5619.13	7143.64

INTEREST ON BLDGS.EQUIP. MACH. AND LAND AT 15 PERCENT

*** INVESTMENT SCHEDULE ***

ENTERPRISE: FINISHING FOR: 1300 HEAD

CURRENT (1981) MARKET VALUE OF CAPITAL ASSETS ASSOCIATED WITH THE HOG ENTERPRISE

	CURRENT VALUE	ENTERPRISE VALUE	REMAIN. LIFE	AVERAGE VALUE	% USE TO ENTERPRISE	COSTS PER YEAR OPER.	DEPR.	INTER.
LIVESTOCK								
___SOWS @ ___/HEAD								
___BOARS @ ___/HEAD								
___GILTS @ ___/HEAD								
___ SUB-TOTAL	0.	0.		0.00		0.00	0.00	0.00
BUILDINGS								
FARROWING BARN	12000.	12000.	15	6600.00	100	200.00	720.00	990.00
NURSING BARN								
DRY SOW BARN	15385.	15385.	20	8461.53	100	200.00	692.31	1269.23
GROWER-FINISHER BARN	166267.	166267.	23	91446.63	100	1476.00	6502.00	1,716.99
OFFICE BUILDING								
ELECTRICAL FOR COMPLETE UNIT								
OTHER								
SUB-TOTAL	193651.	193651.		106508.16		1876.00	7984.30	13875.22
OTHER BUILDINGS								
BARNS	7000.	7000.	10	3850.00	100		630.00	577.50
ANTES	5000.	5000.	20	2750.00	100	40.00	225.00	412.50
FEED TROUGHS								
SELF-FEEDERS								
FENCING	556.	556.	5	305.58	100	40.00	100.01	45.84
OTHER								
OTHER								
SUB-TOTAL	12556.	12556.		6905.58		80.00	955.01	1035.84
MANURE STORAGE, HANDLING SYSTEM								
LAGOON	3000.	3000.		3000.00	100			450.00
STORAGE PIT								
FARROWING BARN								
GROWER-FINISHING BARN								
LIQUID MANURE SPREADER	12500.	12500.	8	6875.00	100	200.00	1470.00	1031.25
MANURE SPREADER								
SUBMERSIBLE PUMP OR AGITATOR	1600.	1600.	5	880.00	100	200.00	288.00	132.00
OTHER								
SUB-TOTAL	17100.	17100.		10755.00		400.00	1758.00	1613.25
FEED STORAGE								
___ STEEL BINS	6280.	6280.	28	2454.00	100		224.60	918.12
___ WOODEN BINS	2900.	2860.	13	1463.00	92	91.72	185.00	219.45
___ FEED BINS ___ TONNES	4140.	4140.	31	2288.38	130		178.97	342.84
STOR MOISTURE ___ATY								
OTHER								
SUB-TOTAL	13320.	13280.		7187.38		91.72	578.57	1079.58
FEEDING EQUIPMENT								
ELECTRIC HAMMER MILL	12600.	12600.	20	6930.00	100	500.00	567.00	1228.50
FEED GRINDERS	140.	140.	4	88.38	100		28.00	13.20
MIXERS								
MOBILE SPREADER/MIXER	1400.	1300.	2	825.00	94	147.50	675.00	123.75
FEED CART								
OTHER								
SUB-TOTAL	14380.	14240.		7843.00		647.50	1270.00	1176.45
EQUIPMENT IN BARNS								
___ TRAYS								
___ PENS ___ FT.								
___ WATERERS								
___ SELF-FEEDERS	40.	40.	10	22.00	100		4.00	3.30
___ INDIVIDUAL STALLS								
___ HEAT LAMPS								
___ VENTILATION								
___ OTHER								
___ SUB-TOTAL	40.	40.		22.00		4.00	3.60	3.30
DATA EQUIPMENT								
WELL AND WATER LINES	9883.	9522.	20	3587.15	68	29.71	247.68	538.07
SCALE ___ LB. CAPACITY	430.	430.	8	236.50	46		122.70	35.47
TRUCK 1/2 TO 3/4 TON	1300.	685.	1	182.25	60	1878.47	486.12	97.34
21 3HP TO 2HP PTO	300.	225.	5	123.75	75	145.36	42.50	18.56
31 3 PTO	7802.	5225.	4	3423.75	70	2043.29	1482.50	513.56
TRACTORS 11 UP TO 75 H.P.	7400.	4700.	5	2585.00	64	1892.82	946.00	387.75
21 76 TO 110 H.P.	4800.	1200.	5	1065.00	25	37.50	216.00	99.00
31 OVER 110 H.P.	8000.	1900.	5	1045.00	24	362.66	342.00	156.75
STANDBY GENERATOR	9166.	7842.	24	4312.00	86	17.12	291.60	646.88
PRESSURE WASHER	800.	440.	2	363.00	82	17.92	340.23	54.45
FIELD AND VET., EQUIPMENT	900.	610.	5	335.50	67		63.90	50.32
CRATE WAGON	4,840.	1310.	5	725.45	66	93.63	180.71	108.82
OTHER	430.	440.	10	242.00	88	5.18	39.60	26.62
___ SUB-TOTAL	42611.	32750.		18021.36		6383.87	4897.48	2703.19
LAND - BLDGS. SITE & PASTURE	4820.	4820.		4820.00	100			868.48
TOTAL INVESTMENT	337964.	287778.		161372.34		8408.10	17265.97	24235.85

INTEREST ON BLDGS.EQUIP. MACH. AND LAND AT 15 PERCENT

APPENDIX B

ESTIMATED RETURNS AND COSTS OF HOG PRODUCTION IN ALBERTA

TYPE OF ENTERPRISE: FINISHING FOR: TOTAL PROVINCE

				TOTAL	PER ▲HOG SOLD	PER CWT DRESSED EQUIV.
RETURNS:						
749 ▲MARKET HOGS	1246.5 CWT DRS	$ 69.34/CWT		86431.64	115.27	83.30
2 SOWS	4.6 CWT DRS	$ 58.39/CWT		268.31	0.36	0.26
BOARS	0.8 CWT DRS	$ 53.74/CWT		43.66	0.06	0.04
▲WEANERS	0.2 HEAD	$ 25.00/HEAD		4.03	0.01	
▲FEEDERS	0.4 HEAD	$ 48.04/HEAD		18.60	0.02	0.02
▲BREEDING STOCK	0.3 HEAD	$117.50/HEAD		30.32	0.04	0.03
GOVERNMENT SUPPORT PAYMENTS				9818.85	13.10	9.46
INV.CHANGE(SOW,OIL,FDRS,WNR				3642.76	4.86	3.51
OTHER RECEIPTS				160.38	0.21	0.15
TOTAL RETURNS				100418.56	133.93	96.78
FEED COSTS:						
BARLEY	133.9 TONNES	$125.21/TONNE		16761.99	22.36	16.15
OTHER GRAINS	7.3 TONNES	$131.96/TONNE		966.70	1.29	0.93
/ DRY SOW RATION	TONNES	$ /TONNE				
/ NURSING SOW RATN	TONNES	$ /TONNE				
/ PRE-STARTER RATN	TONNES	$ /TONNE				
18 */* STARTER RATION	12.2 TONNES	$266.35/TONNE		3237.13	4.32	3.12
16 */* GROWER RATION	68.8 TONNES	$199.68/TONNE		13745.37	18.33	13.25
14 */* FINISHER RATION	6.0 TONNES	$177.74/TONNE		1065.61	1.42	1.03
40 */* PROTEIN SUPPLMNT	8.2 TONNES	$370.21/TONNE		3036.18	4.05	2.93
33 */* PROTEIN SUPPLMNT	0.1 TONNES	$455.60/TONNE		55.11	0.07	0.05
48 */* RAPESEED MEAL	0.7 TONNES	$216.86/TONNE		147.95	0.20	0.14
42 */* SOYABEAN MEAL	1.9 TONNES	$373.58/TONNE		696.00	0.93	0.67
VIT.+MINERALS+SALT+LIMESTNE	0.9 TONNES	$ /TONNE		443.67	0.59	0.43
FEED PROCESSING	6.8 TONNES	$ 2.04/TONNE		13.81	0.02	0.01
FEED TRUCKING COSTS	19.6 TONNES	$ 8.90/TONNE		174.23	0.23	0.17
OTHER FEED ITEMS	0.9 TONNES	$ /TONNE		103.58	0.14	0.10
TOTAL FEED COSTS				40447.34	53.94	38.98
OTHER CASH COSTS:						
WEANERS	529.1 HEAD	$ 40.56/HEAD		21457.90	28.62	20.68
FEEDERS	292.5 HEAD	$ 45.35/HEAD		13263.66	17.69	12.78
GILTS	0.9 HEAD	$135.89/HEAD		118.35	0.16	0.11
BOARS	0.2 HEAD	$151.75/HEAD		29.37	0.04	0.03
BEDDING	4.9 TONNES	$ 26.56/TONNE		128.94	0.17	0.12
VET.+MED.,CHEM.+DISINFECT.				676.47	0.90	0.65
MANURE DISPOSAL (IF HIRED)				37.66	0.05	0.04
HIRED LABOUR	63.2 HOURS	$ 5.97/HOUR		377.05	0.50	0.36
HOG TRUCKING COSTS				852.47	1.14	0.82
MARKETING & ASSEMBLY CHARG.				2921.33	3.90	2.82
TAXES AND INSURANCES				2082.77	2.78	2.01
MACH.BLDG.EQP. OPERTNG.+REP				4308.89	5.75	4.15
ACCTNG,PROF.DUES + MISC.				464.12	0.62	0.45
INTEREST-OP.CSTS,LVSTK+FEED PURCH. (18*/*)				3915.84	5.22	3.77
OTHER CASH COSTS				50634.83	67.53	48.80
▲▲▲TOTAL CASH COSTS▲▲▲				91082.16	121.48	87.78
NON-CASH COSTS:						
OPERATOR'S LABOUR	943.7 HOURS	$ 6.50/HOUR		6239.21	8.32	6.01
FAMILY LABOUR	74.9 HOURS	$ 4.34/HOUR		325.31	0.43	0.31
DEPRECIATION (BLDG.+EQUIP.)				5014.55	6.69	4.83
INTEREST ON INVESTMT(15*/*)				6184.74	8.25	5.96
▲▲▲TOTAL NON-CASH COSTS▲▲▲				17763.82	23.69	17.12
TOTAL COSTS				108845.98	145.17	104.90

HEAD HANDLED	1173.6	DEATHLOSS */*	3.3	CWT.LIVE WGHT.	1321.4	AVG. DRS. */*	78.5
DRS.WT.EQ.CWT	1037.6	LB.DRS.WT/HOG	166.4	NO. HOG EQU.	623.5	AVERAGE INDEX	101.9
LBS.FD/HOG EQ	876.6	HOME FEED */*	53.8	HOG RECPT.*/*	69.4	AVG.FEED CONV	4.1
LB.AVG.DLY.GN.	1.0	AV.DAYS ON FD	208.7				

ESTIMATED RETURNS AND COSTS OF HOG PRODUCTION IN ALBERTA
TYPE OF ENTERPRISE: FINISHING FOR: REGION 1

				TOTAL	PER *HOG SOLD	PER CWT DRESSED EQUIV.
RETURNS:						
817 *MARKET HOGS	1359.9	CWT DRS	$ 67.76/CWT	92144.50	111.89	70.73
6 SOWS	20.5	CWT DRS	$ 44.79/CWT	917.50	1.11	0.70
4 BOARS	12.0	CWT DRS	$ 51.08/CWT	615.00	0.75	0.47
*WEANERS		HEAD	$ /HEAD			
*FEEDERS		HEAD	$ /HEAD			
7 *BREEDING STOCK	6.5	HEAD	$110.00/HEAD	715.00	0.87	0.55
GOVERNMENT SUPPORT PAYMENTS				12330.50	14.97	9.47
INV.CHANGE(SOW,GIL,FDRS,WNR				12527.07	15.21	9.62
OTHER RECEIPTS						
TOTAL RETURNS				119249.57	144.81	91.54
FEED COSTS:						
BARLEY	36.0	TONNES	$115.98/TONNE	4177.62	5.07	3.21
OTHER GRAINS		TONNES	$ /TONNE			
/ DRY SOW RATION		TONNES	$ /TONNE			
/ NURSING SOW RATN		TONNES	$ /TONNE			
/ PRE-STARTER RATN		TONNES	$ /TONNE			
/ STARTER RATION		TONNES	$ /TONNE			
16 */* GROWER RATION	107.9	TONNES	$181.07/TONNE	19541.50	23.73	15.00
14 */* FINISHER RATION	132.2	TONNES	$172.46/TONNE	22792.00	27.68	17.50
40 */* PROTEIN SUPPLMNT	4.7	TONNES	$426.90/TONNE	2023.50	2.46	1.55
/ PROTEIN SUPPLMNT		TONNES	$ /TONNE			
/ RAPESEED MEAL		TONNES	$ /TONNE			
/ SOYABEAN MEAL		TONNES	$ /TONNE			
VIT.+MINERALS+SALT+LIMESTNE		TONNES	$ /TONNE			
FEED PROCESSING		TONNES	$ /TONNE			
FEED TRUCKING COSTS	244.8	TONNES	$ 4.87/TONNE	1192.50	1.45	0.92
OTHER FEED ITEMS	6.0	TONNES	$ /TONNE	493.50	0.60	0.38
TOTAL FEED COSTS				50220.62	60.98	38.55
OTHER CASH COSTS:						
WEANERS	1058.5	HEAD	$ 35.47/HEAD	37541.01	45.59	28.82
FEEDERS		HEAD	$ /HEAD			
GILTS		HEAD	$ /HEAD			
BOARS		HEAD	$ /HEAD			
BEDDING	5.4	TONNES	$ 41.32/TONNE	225.00	0.27	0.17
VET.+MED.+CHEM.+DISINFECT.				567.50	0.69	0.44
MANURE DISPOSAL (IF HIRED)						
HIRED LABOUR		HOURS	$ /HOUR			
HOG TRUCKING COSTS				3048.38	3.70	2.34
MARKETING & ASSEMBLY CHARG.				3447.28	4.19	2.65
TAXES AND INSURANCES				935.00	1.14	0.72
MACH.BLDG.EQP. OPERTNG.+REP				2472.10	3.00	1.90
ACCTNG,PROF.DUES + MISC.				372.50	0.45	0.29
INTEREST OF.CSTS,LVSTK+FEED PURCH. (18*/*)				4447.32	5.40	3.41
OTHER CASH COSTS				53056.09	64.43	40.73
TOTAL CASH COSTS				103276.71	125.41	79.28
NON-CASH COSTS:						
OPERATOR'S LABOUR	1181.5	HOURS	$ 6.50/HOUR	7679.75	9.33	5.90
FAMILY LABOUR		HOURS	$ /HOUR			
DEPRECIATION (BLDG.+EQUIP.)				3226.16	3.92	2.48
INTEREST ON INVESTMT(15*/*)				4808.17	5.84	3.69
TOTAL NON CASH COSTS				15714.08	19.08	12.06
TOTAL COSTS				118990.79	144.49	91.34

HEAD HANDLED	1474.5	DEATHLOSS */*	3.6	CWT.LIVE WGHT.	1671.0	AVG. DRS. */*	78.0
DRS.WT.EQ.CWT	1302.7	LB.DRS.WT/HOG	166.4	NO. HOG EQU.	782.6	AVERAGE INDEX	101.3
LBS.FD/HOG EQ	807.3	HOME FEED */*	5.4	HOG RECPT.*/*	70.4	AVG.FEED CONV	4.8
LB.AVG.DLY.GN.	1.0	AV.DAYS ON FD	213.0				

ESTIMATED RETURNS AND COSTS OF HOG PRODUCTION IN ALBERTA

TYPE OF ENTERPRISE: FINISHING FOR: REGION 2

					TOTAL	PER *HOG SOLD	PER CWT DRESSED EQUIV.
RETURNS:							
807	*MARKET HOGS	1341.7	CWT DRS	$ 69.88/CWT	93757.45	116.10	83.53
2	SOWS	5.3	CWT DRS	$ 64.51/CWT	341.53	0.42	0.30
	BOARS	0.8	CWT DRS	$ 66.67/CWT	54.69	0.07	0.05
1	*WEANERS	0.6	HEAD	$ 25.00/HEAD	15.63	0.02	0.01
	*FEEDERS		HEAD	$ /HEAD			
	*BREEDING STOCK		HEAD	$ /HEAD			
GOVERNMENT SUPPORT PAYMENTS					7893.35	9.77	7.03
INV.CHANGE(SOW,OIL,FDRS,WNR					7133.36	8.83	6.35
OTHER RECEIPTS					175.18	0.22	0.16
TOTAL RETURNS					109371.18	135.43	97.44
FEED COSTS:							
BARLEY		51.2	TONNES	$124.95/TONNE	6394.47	7.92	5.70
OTHER GRAINS		12.0	TONNES	$122.22/TONNE	1469.52	1.82	1.31
	/ DRY SOW RATION		TONNES	$ /TONNE			
	/ NURSING SOW RATN		TONNES	$ /TONNE			
	/ PRE-STARTER RATN		TONNES	$ /TONNE			
18	*/* STARTER RATION	7.8	TONNES	$302.57/TONNE	2367.98	2.93	2.11
16	*/* GROWER RATION	152.2	TONNES	$202.51/TONNE	30820.28	38.16	27.46
	/ FINISHER RATION		TONNES	$ /TONNE			
40	*/* PROTEIN SUPPLMNT	3.4	TONNES	$380.05/TONNE	1299.30	1.61	1.16
	/ PROTEIN SUPPLMNT		TONNES	$ /TONNE			
48	*/* RAPESEED MEAL	1.7	TONNES	$209.56/TONNE	356.25	0.44	0.32
	/ SOYABEAN MEAL	0.5	TONNES	$345.29/TONNE	167.25	0.21	0.15
VIT.+MINERALS+SALT+LIMESTNE		0.5	TONNES	$ /TONNE	211.50	0.26	0.19
FEED PROCESSING		16.8	TONNES	$ 1.11/TONNE	18.63	0.02	0.02
FEED TRUCKING COSTS		16.8	TONNES	$ 5.70/TONNE	96.09	0.12	0.09
OTHER FEED ITEMS		2.3	TONNES	$ /TONNE	310.72	0.38	0.28
	TOTAL FEED COSTS				43511.97	53.88	38.76
OTHER CASH COSTS:							
WEANERS		636.9	HEAD	$ 37.94/HEAD	24165.98	29.92	21.53
FEEDERS		265.9	HEAD	$ 50.36/HEAD	13391.69	16.58	11.93
GILTS			HEAD	$ /HEAD			
BOARS			HEAD	$ /HEAD			
BEDDING		0.5	TONNES	$ 16.94/TONNE	7.63	0.01	0.01
VET.+MED.,CHEM.+DISINFECT.					319.69	0.40	0.28
MANURE DISPOSAL (IF HIRED)					3.13		
HIRED LABOUR			HOURS	$ /HOUR			
HOG TRUCKING COSTS					1271.76	1.57	1.13
MARKETING & ASSEMBLY CHARG.					3304.43	4.09	2.94
TAXES AND INSURANCES					1825.23	2.26	1.63
MACH.BLDG.EQP. OPERTNG.+REP					2740.23	3.39	2.44
ACCTNG.PROF.DUES + MISC.					326.63	0.40	0.29
INTEREST OP.CSTS,LVSTK+FEED PURCH. (18*/*)					4089.08	5.06	3.64
	OTHER CASH COSTS				51445.48	63.70	45.83
	TOTAL CASH COSTS				94957.45	117.59	84.60
NON-CASH COSTS:							
OPERATOR'S LABOUR		724.1	HOURS	$ 6.50/HOUR	4706.81	5.83	4.19
FAMILY LABOUR		112.0	HOURS	$ 6.08/HOUR	681.28	0.84	0.61
DEPRECIATION (BLDG.+EQUIP.)					4514.92	5.59	4.02
INTEREST ON INVESTMT(15*/*)					5384.20	6.67	4.80
	TOTAL NON-CASH COSTS				15287.22	18.93	13.62
TOTAL COSTS					110244.67	136.52	98.21

HEAD HANDLED	1255.9	DEATHLOSS o/o	3.5	CWT.LIVE WGHT.	1427.7	AVG. DRS. o/o	78.6
DRS.WT.EQ.CWT	1122.5	LB.DRS.WT/HOG	166.3	NO. HOG EQU.	675.1	AVERAGE INDEX	102.5
LBS.FD/HOG EQ	804.9	HOME FEED o/o	23.2	HOG RECPT.o/o	53.6	AVG.FEED CONV	3.8
LB.AVG.DLY.GN.	1.1	AV.DAYS ON FD	187.4				

ESTIMATED RETURNS AND COSTS OF HOG PRODUCTION IN ALBERTA

TYPE OF ENTERPRISE: FINISHING FOR: REGION 3

					TOTAL	PER *HOG SOLD	PER CWT DRESSED EQUIV.
RETURNS:							
681	*MARKET HOGS	1141.0	CWT DRS	$ 70.23/CWT	80134.14	117.64	93.00
	SOWS	0.9	CWT DRS	$ 46.47/CWT	42.94	0.06	0.05
1	BOARS	1.1	CWT DRS	$ 43.06/CWT	46.50	0.07	0.05
	*WEANERS		HEAD	$ /HEAD			
	*FEEDERS		HEAD	$ /HEAD			
	*BREEDING STOCK	0.3	HEAD	$150.00/HEAD	45.00	0.07	0.05
GOVERNMENT SUPPORT PAYMENTS					8923.30	13.10	10.36
INV.CHANGE(SOW,GIL,FDRS,WNR					(3571.96)	(5.24)	(4.15)
OTHER RECEIPTS					425.55	0.62	0.49
TOTAL RETURNS					86045.47	126.31	99.86
FEED COSTS:							
BARLEY		86.8	TONNES	$124.69/TONNE	10826.88	15.89	12.57
OTHER GRAINS		3.7	TONNES	$129.28/TONNE	478.61	0.70	0.56
	/ DRY SOW RATION		TONNES	$ /TONNE			
	/ NURSING SOW RATN		TONNES	$ /TONNE			
	/ PRE STARTER RATN		TONNES	$ /TONNE			
18	*/* STARTER RATION	9.3	TONNES	$239.79/TONNE	2222.35	3.26	2.58
16	*/* GROWER RATION	91.9	TONNES	$196.49/TONNE	18061.60	26.51	20.96
	/ FINISHER RATION		TONNES	$ /TONNE			
40	*/* PROTEIN SUPPLMNT	3.9	TONNES	$390.76/TONNE	1518.50	2.23	1.76
	/ PROTEIN SUPPLMNT		TONNES	$ /TONNE			
	/ RAPESEED MEAL		TONNES	$ /TONNE			
47	*/* SOYABEAN MEAL	2.8	TONNES	$370.00/TONNE	1036.00	1.52	1.20
VIT.+MINERALS+SALT+LIMESTNE		1.0	TONNES	$ /TONNE	377.25	0.55	0.44
FEED PROCESSING			TONNES	$ /TONNE			
FEED TRUCKING COSTS		2.9	TONNES	$ 8.62/TONNE	25.00	0.04	0.03
OTHER FEED ITEMS		0.1	TONNES	$ /TONNE	10.00	0.01	0.01
	TOTAL FEED COSTS				34556.27	50.73	40.11
OTHER CASH COSTS:							
WEANERS		495.4	HEAD	$ 45.02/HEAD	22305.33	32.74	25.89
FEEDERS		148.0	HEAD	$ 48.77/HEAD	7217.60	10.60	8.38
GILTS			HEAD	$ /HEAD			
BOARS			HEAD	$ /HEAD			
BEDDING		4.3	TONNES	$ 29.11/TONNE	126.50	0.19	0.15
VET.+MED.,CHEM.+DISINFECT.					250.82	0.37	0.29
MANURE DISPOSAL (IF HIRED)							
HIRED LABOUR		28.0	HOURS	$ 5.00/HOUR	140.00	0.21	0.16
HOG TRUCKING COSTS					710.66	1.04	0.82
MARKETING + ASSEMBLY CHARG.					2293.47	3.37	2.66
TAXES AND INSURANCES					1488.83	2.19	1.73
MACH.BLDG.EQP. OPERTNG.+REP					6583.01	9.66	7.64
ACCTNG,PROF.DUES + MISC.					756.60	1.11	0.88
INTEREST OP.CSTS,LVSTK+FEED PURCH. (18*/*)					3439.31	5.05	3.99
	OTHER CASH COSTS				45512.14	66.82	52.79
	TOTAL CASH COSTS				79868.41	117.25	92.69
NON CASH COSTS:							
OPERATOR'S LABOUR		743.6	HOURS	$ 6.50/HOUR	4833.40	7.10	5.61
FAMILY LABOUR		174.2	HOURS	$ 3.25/HOUR	566.15	0.83	0.66
DEPRECIATION (BLDG.+EQUIP.)					3762.68	5.52	4.37
INTEREST ON INVESTMT(15*/*)					5380.68	7.90	6.24
	TOTAL NON CASH COSTS				14542.91	21.35	16.88
TOTAL COSTS					94411.31	138.60	109.57

HEAD HANDLED	1025.6	DEATHLOSS o/o	1.9	CWT.LIVE WGHT.	1087.4	AVG. DRS. o/o	79.2
DRS.WT.EQ.CWT	861.6	LB.DRS.WT/HOG	167.6	NO. HOG EQU.	514.2	AVERAGE INDEX	102.7
LBS.FD/HOG EQ	854.9	HOME FEED o/o	44.5	HOG RECPT.o/o	61.3	AVG.FEED CONV	4.0
LB.AVG.DLY.GN.	0.9	AV.DAYS ON FD	240.2				

ESTIMATED RETURNS AND COSTS OF HOG PRODUCTION IN ALBERTA
TYPE OF ENTERPRISE: FINISHING FOR: REGION 4

				TOTAL	PER *HOG SOLD	PER CWT DRESSED EQUIV.
RETURNS:						
831 *MARKET HOGS	1404.4	CWT DRS	$ 67.71/CWT	95086.63	114.07	76.42
1 SOWS	4.7	CWT DRS	$ 48.13/CWT	223.93	0.27	0.18
BOARS		CWT DRS	$ /CWT			
*WEANERS		HEAD	$ /HEAD			
2 *FEEDERS	2.4	HEAD	$ 48.04/HEAD	115.30	0.14	0.09
*BREEDING STOCK		HEAD	$ /HEAD			
GOVERNMENT SUPPORT PAYMENTS				12603.48	15.12	10.13
INV.CHANGE(SOW,GIL,FDRS,WNR				973.60	1.17	0.78
OTHER RECEIPTS						
TOTAL RETURNS				109002.95	130.76	87.60
FEED COSTS:						
BARLEY	229.4	TONNES	$126.36/TONNE	28980.83	34.77	23.29
OTHER GRAINS	19.5	TONNES	$138.67/TONNE	2702.20	3.24	2.17
/ DRY SOW RATION		TONNES	$ /TONNE			
/ NURSING SOW RATN		TONNES	$ /TONNE			
/ PRE-STARTER RATN		TONNES	$ /TONNE			
18 */* STARTER RATION	8.1	TONNES	$219.89/TONNE	1770.66	2.12	1.42
16 */* GROWER RATION	11.9	TONNES	$199.78/TONNE	2383.00	2.86	1.92
15 */* FINISHER RATION	10.7	TONNES	$190.73/TONNE	2048.41	2.46	1.65
40 */* PROTEIN SUPPLMNT	13.4	TONNES	$354.35/TONNE	4753.63	5.70	3.82
/ PROTEIN SUPPLMNT		TONNES	$ /TONNE			
/ RAPESEED MEAL		TONNES	$ /TONNE			
38 */* SOYABEAN MEAL	6.6	TONNES	$375.00/TONNE	2475.00	2.97	1.99
VIT.+MINERALS+SALT+LIMESTNE	1.9	TONNES	$ /TONNE	1188.60	1.43	0.96
FEED PROCESSING	15.0	TONNES	$ 3.71/TONNE	55.84	0.07	0.04
FEED TRUCKING COSTS	42.5	TONNES	$ 10.69/TONNE	453.96	0.54	0.36
OTHER FEED ITEMS	0.3	TONNES	$ /TONNE	16.80	0.02	0.01
TOTAL FEED COSTS				46828.92	56.16	37.64
OTHER CASH COSTS:						
WEANERS	838.9	HEAD	$ 43.34/HEAD	36355.01	43.61	29.22
FEEDERS	80.6	HEAD	$ 49.49/HEAD	3988.89	4.79	3.21
GILTS		HEAD	$ /HEAD			
BOARS		HEAD	$ /HEAD			
BEDDING	9.5	TONNES	$ 27.75/TONNE	265.00	0.32	0.21
VET.+MED.,CHEM.+DISINFECT.				1069.90	1.28	0.86
MANURE DISPOSAL (IF HIRED)				17.50	0.02	0.01
HIRED LABOUR	245.0	HOURS	$ 5.39/HOUR	1320.00	1.58	1.06
HOG TRUCKING COSTS				591.65	0.71	0.48
MARKETING & ASSEMBLY CHARG.				3720.54	4.46	2.99
TAXES AND INSURANCES				3789.30	4.55	3.05
MACH.BLDG.EQP. OPERTNG.+REP				5048.29	6.06	4.06
ACCTNG,PROF.DUES + MISC.				793.70	0.95	0.64
INTEREST-OP.CSTS,LVSTK+FEED PURCH. (18*/*)				4670.49	5.60	3.75
OTHER CASH COSTS				61630.27	73.93	49.53
TOTAL CASH COSTS				108459.20	130.11	87.17
NON-CASH COSTS:						
OPERATOR'S LABOUR	1077.8	HOURS	$ 6.50/HOUR	7657.00	9.19	6.15
FAMILY LABOUR	16.2	HOURS	$ 3.25/HOUR	52.65	0.06	0.04
DEPRECIATION (BLDG.+EQUIP.)				7388.57	8.86	5.94
INTEREST ON INVESTMT(15*/*)				10553.51	12.66	8.48
TOTAL NON-CASH COSTS				25651.73	30.77	20.62
TOTAL COSTS				134110.93	160.88	107.78

HEAD HANDLED	1360.1	DEATHLOSS o/o	6.3	CWT.LIVE WGHT.	1586.1	AVG. DRS. o/o	78.4
DRS.WT.EQ.CWT	1244.3	LB.DRS.WT/HOG	169.0	NO. HOG EQU.	736.4	AVERAGE INDEX	101.1
LBS.FD/HOG EQ	914.0	HOME FEED o/o	76.3	HOG RECPT.o/o	85.8	AVG.FEED CONV	4.2
LB.AVG.DLY.GN.	1.0	AV.DAYS ON FD	218.3				

ESTIMATED RETURNS AND COSTS OF HOG PRODUCTION IN ALBERTA

TYPE OF ENTERPRISE: FINISHING FOR: REGION 5

					TOTAL	PER *HOG SOLD	PER CWT DRESSED EQUIV.
RETURNS:							
613	*MARKET HOGS	1039.4	CWT DRS	$ 69.28/CWT	72011.80	117.54	85.17
	SOWS		CWT DRS	$ /CWT			
	BOARS		CWT DRS	$ /CWT			
	*WEANERS		HEAD	$ /HEAD			
	*FEEDERS		HEAD	$ /HEAD			
	*BREEDING STOCK		HEAD	$ /HEAD			
GOVERNMENT SUPPORT PAYMENTS					9465.48	15.45	11.19
INV.CHANGE(SOW,GIL,FDRS,WNR					(732.70)	(1.20)	(0.87)
OTHER RECEIPTS					320.60	0.52	0.38
TOTAL RETURNS					81065.19	132.32	95.88
FEED COSTS:							
BARLEY		188.7	TONNES	$126.15/TONNE	23806.05	38.86	28.16
OTHER GRAINS		1.2	TONNES	$161.62/TONNE	195.56	0.32	0.23
	/ DRY SOW RATION		TONNES	$ /TONNE			
	/ NURSING SOW RATN		TONNES	$ /TONNE			
	/ PRE-STARTER RATN		TONNES	$ /TONNE			
18	*/* STARTER RATION	1.7	TONNES	$313.91/TONNE	532.95	0.87	0.63
	/ GROWER RATION		TONNES	$ /TONNE			
	/ FINISHER RATION		TONNES	$ /TONNE			
40	*/* PROTEIN SUPPLMNT	16.7	TONNES	$349.60/TONNE	5845.39	9.54	6.91
	/ PROTEIN SUPPLMNT		TONNES	$ /TONNE			
	/ RAPESEED MEAL	1.7	TONNES	$230.00/TONNE	385.89	0.63	0.46
	/ SOYABEAN MEAL		TONNES	$ /TONNE			
VIT.+MINERALS+SALT+LIMESTNE		0.4	TONNES	$ /TONNE	250.98	0.41	0.30
FEED PROCESSING			TONNES	$ /TONNE			
FEED TRUCKING COSTS			TONNES	$ /TONNE			
OTHER FEED ITEMS			TONNES	$ /TONNE			
TOTAL FEED COSTS					31016.81	50.63	36.68
OTHER CASH COSTS:							
WEANERS		268.1	HEAD	$ 40.02/HEAD	10728.50	17.51	12.69
FEEDERS		397.8	HEAD	$ 42.29/HEAD	16821.90	27.46	19.90
GILTS			HEAD	$ /HEAD			
BOARS		0.6	HEAD	$275.00/HEAD	152.78	0.25	0.18
BEDDING		8.2	TONNES	$ 23.00/TONNE	189.56	0.31	0.22
VET.+MED.,CHEM.+DISINFECT.					559.44	0.91	0.66
MANURE DISPOSAL (IF HIRED)					3.33	0.01	
HIRED LABOUR		25.6	HOURS	$ 6.57/HOUR	167.78	0.27	0.20
HOG TRUCKING COSTS					25.10	0.04	0.03
MARKETING & ASSEMBLY CHARG.					1947.49	3.18	2.30
TAXES AND INSURANCES					2071.87	3.38	2.45
MACH.BLDG.EQP. OPERTNG.+REP					3759.29	6.14	4.45
ACCTNG,PROF.DUES + MISC.					261.35	0.43	0.31
INTEREST-OP.CSTS,LVSTK+FEED PURCH. (18*/*)					3039.86	4.96	3.60
OTHER CASH COSTS					39728.24	64.84	46.99
TOTAL CASH COSTS					70745.05	115.47	83.67
NON-CASH COSTS:							
OPERATOR'S LABOUR		862.3	HOURS	$ 6.50/HOUR	5605.17	9.15	6.63
FAMILY LABOUR		23.7	HOURS	$ 3.25/HOUR	76.92	0.13	0.09
DEPRECIATION (BLDG.+EQUIP.)					4177.88	6.82	4.94
INTEREST ON INVESTMT(15*/*)					5115.84	8.35	6.05
TOTAL NON-CASH COSTS					14975.80	24.44	17.71
TOTAL COSTS					85720.85	139.91	101.38

HEAD HANDLED	909.3	DEATHLOSS o/o	2.5	CWT.LIVE WGHT.	1072.4	AVG. DRS. o/o	78.8
DRS.WT.EQ.CWT	845.5	LB.DRS.WT/HOG	169.7	NO. HOG EQU.	498.4	AVERAGE INDEX	101.6
LBS.FD/HOG EQ	938.8	HOME FEED o/o	82.8	HOG RECPT.o/o	75.7	AVG.FEED CONV	4.4
LB.AVG.DLY.GN.	1.0	AV.DAYS ON FD	212.8				

ESTIMATED RETURNS AND COSTS OF HOG PRODUCTION IN ALBERTA

TYPE OF ENTERPRISE: FINISHING FOR: REGION 6

				TOTAL	PER ^HOG SOLD	PER CWT DRESSED EQUIV.
RETURNS:						
1025 ^MARKET HOGS	1655.8	CWT DRS	$ 69.64/CWT	115305.19	112.45	87.70
6 SOWS	12.9	CWT DRS	$ 64.43/CWT	833.38	0.81	0.63
BOARS	0.3	CWT DRS	$ 57.99/CWT	17.13	0.02	0.01
^WEANERS		HEAD	$ /HEAD			
^FEEDERS		HEAD	$ /HEAD			
^BREEDING STOCK		HEAD	$ /HEAD			
GOVERNMENT SUPPORT PAYMENTS				13138.25	12.81	9.99
INV.CHANGE(SOW,GIL,FDRS,WNR				10090.22	9.84	7.67
OTHER RECEIPTS						
TOTAL RETURNS				139384.16	135.93	106.01
FEED COSTS:						
BARLEY	225.2	TONNES	$123.47/TONNE	27805.17	27.12	21.15
OTHER GRAINS		TONNES	$ /TONNE			
/ DRY SOW RATION		TONNES	$ /TONNE			
/ NURSING SOW RATN		TONNES	$ /TONNE			
/ PRE-STARTER RATN		TONNES	$ /TONNE			
17 */* STARTER RATION	54.4	TONNES	$267.91/TONNE	14581.81	14.22	11.09
16 */* GROWER RATION	36.5	TONNES	$189.76/TONNE	6926.25	6.75	5.27
/ FINISHER RATION		TONNES	$ /TONNE			
40 */* PROTEIN SUPPLMNT	8.9	TONNES	$408.93/TONNE	3656.33	3.57	2.78
34 */* PROTEIN SUPPLMNT	0.9	TONNES	$455.60/TONNE	427.13	0.42	0.32
/ RAPESEED MEAL		TONNES	$ /TONNE			
/ SOYABEAN MEAL		TONNES	$ /TONNE			
VIT.+MINERALS+SALT+LIMESTNE	0.1	TONNES	$ /TONNE	49.13	0.05	0.04
FEED PROCESSING		TONNES	$ /TONNE			
FEED TRUCKING COSTS		TONNES	$261.25/TONNE	261.25	0.25	0.20
OTHER FEED ITEMS	0.5	TONNES	$ /TONNE	24.44	0.02	0.02
TOTAL FEED COSTS				53731.50	52.40	40.87
OTHER CASH COSTS:						
WEANERS	259.8	HEAD	$ 41.29/HEAD	10726.19	10.46	8.16
FEEDERS	899.9	HEAD	$ 42.66/HEAD	38392.25	37.44	29.20
GILTS	6.8	HEAD	$135.89/HEAD	917.25	0.89	0.70
BOARS	0.9	HEAD	$ 63.71/HEAD	55.75	0.05	0.04
BEDDING	7.2	TONNES	$ 24.82/TONNE	178.75	0.17	0.14
VET.+MED.,CHEM.+DISINFECT.				1471.44	1.44	1.12
MANURE DISPOSAL (IF HIRED)				250.00	0.24	0.19
HIRED LABOUR	119.8	HOURS	$ 7.59/HOUR	908.38	0.89	0.69
HOG TRUCKING COSTS				919.79	0.90	0.70
MARKETING & ASSEMBLY CHARG.				4131.69	4.03	3.14
TAXES AND INSURANCES				2470.67	2.41	1.88
MACH.BLDG.EQP. OPERTNG.+REP				5466.96	5.33	4.16
ACCTNG.PROF.DUES + MISC.				533.38	0.52	0.41
INTEREST-OP.CSTS,LVSTK+FEED PURCH. (18*/*)				5363.14	5.23	4.08
OTHER CASH COSTS				71785.63	70.01	54.60
^^^TOTAL CASH COSTS^^^				125517.13	122.41	95.46
NON CASH COSTS:						
OPERATOR'S LABOUR	1314.9	HOURS	$ 6.50/HOUR	8547.09	8.34	6.50
FAMILY LABOUR	72.3	HOURS	$ 3.26/HOUR	235.19	0.23	0.18
DEPRECIATION (BLDG.+EQUIP.)				7963.42	7.77	6.06
INTEREST ON INVESTMT(15*/*)				8308.45	8.10	6.32
^^^TOTAL NON-CASH COSTS^^^				25054.15	24.43	19.06
TOTAL COSTS				150571.28	146.85	114.52

HEAD HANDLED	1603.4	DEATHLOSS */*	2.3	CWT.LIVE WGHT.	165.7	AVG. DRS. */*	78.0
DRS.WT.EQ.CWT	1314.8	LB.DRS.WT/HOG	161.5	NO. HOG EQU.	814.2	AVERAGE INDEX	101.3
LBS.FD/HOG EQ	927.6	HOME FEED */*	70.1	HOG RECPT.*/*	74.4	AVG.FEED CONV	4.5
LB.AVG.DLY.GN.	1.0	AV.DAYS ON FD	214.8				

ESTIMATED RETURNS AND COSTS OF HOG PRODUCTION IN ALBERTA
TYPE OF ENTERPRISE: FINISHING FOR: REGION 7

					TOTAL	PER ▲HOG SOLD	PER CWT DRESSED EQUIV.
RETURNS:							
436	▲MARKET HOGS	719.9	CWT DRS	$ 69.77/CWT	50228.25	115.13	76.78
	SOWS		CWT DRS	$ /CWT			
	BOARS		CWT DRS	$ /CWT			
	▲WEANERS		HEAD	$ /HEAD			
	▲FEEDERS		HEAD	$ /HEAD			
	▲BREEDING STOCK		HEAD	$ /HEAD			
GOVERNMENT SUPPORT PAYMENTS					7464.45	17.11	11.41
INV.CHANGE(SOW,GIL,FDRS,WNR					5502.80	12.61	8.41
OTHER RECEIPTS							
TOTAL RETURNS					63195.51	144.85	96.60
FEED COSTS:							
BARLEY		106.7	TONNES	$125.55/TONNE	13400.57	30.72	20.48
OTHER GRAINS		2.7	TONNES	$149.88/TONNE	407.89	0.93	0.62
	•/• DRY SOW RATION		TONNES	$ /TONNE			
	•/• NURSING SOW RATN		TONNES	$ /TONNE			
	•/• PRE-STARTER RATN		TONNES	$ /TONNE			
18	•/• STARTER RATION	0.6	TONNES	$327.17/TONNE	204.71	0.47	0.31
16	•/• GROWER RATION	40.9	TONNES	$210.00/TONNE	8592.67	19.70	13.13
	•/• FINISHER RATION		TONNES	$ /TONNE			
40	•/• PROTEIN SUPPLMNT	7.0	TONNES	$382.04/TONNE	2689.59	6.16	4.11
	•/• PROTEIN SUPPLMNT		TONNES	$ /TONNE			
	•/• RAPESEED MEAL		TONNES	$ /TONNE			
40	•/• SOYABEAN MEAL	2.0	TONNES	$389.97/TONNE	766.56	1.76	1.17
VIT.+MINERALS+SALT+LIMESTNE		2.0	TONNES	$ /TONNE	830.44	1.90	1.27
FEED PROCESSING			TONNES	$ /TONNE			
FEED TRUCKING COSTS			TONNES	$ /TONNE			
OTHER FEED ITEMS			TONNES	$ /TONNE			
TOTAL FEED COSTS					26892.43	61.64	41.11
OTHER CASH COSTS:							
WEANERS		380.1	HEAD	$ 37.46/HEAD	14240.33	32.64	21.77
FEEDERS		116.1	HEAD	$ 46.10/HEAD	5354.28	12.27	8.18
GILTS			HEAD	$ /HEAD			
BOARS			HEAD	$ /HEAD			
BEDDING		1.7	TONNES	$ 30.52/TONNE	53.00	0.12	0.08
VET.+MED.,CHEM.+DISINFECT.					811.09	1.86	1.24
MANURE DISPOSAL (IF HIRED)					11.43	0.03	0.02
HIRED LABOUR			HOURS	$ /HOUR			
HOG TRUCKING COSTS					828.75	1.90	1.27
MARKETING « ASSEMBLY CHARG.					1519.46	3.48	2.32
TAXES AND INSURANCES					980.62	2.25	1.50
MACH.BLDG.EQP. OPERTNG.+REP					3497.25	8.02	5.35
ACCTNG,PROF.DUES + MISC.					97.49	0.22	0.15
INTEREST-OP.CSTS,LVSTK+FEED PURCH. (18•/•)					2442.88	5.60	3.73
OTHER CASH COSTS					29836.57	68.39	45.61
▲▲▲TOTAL CASH COSTS▲▲▲					56729.00	130.03	86.71
NON-CASH COSTS:							
OPERATOR'S LABOUR		1152.4	HOURS	$ 6.50/HOUR	7490.79	17.17	11.45
FAMILY LABOUR		22.3	HOURS	$ 3.25/HOUR	72.43	0.17	0.11
DEPRECIATION (BLDG.+EQUIP.)					2770.03	6.35	4.23
INTEREST ON INVESTMT(15•/•)					2262.65	5.19	3.46
▲▲▲TOTAL NON-CASH COSTS▲▲▲					12595.89	28.87	19.25
TOTAL COSTS					69324.89	158.90	105.97

HEAD HANDLED	693.4	DEATHLOSS o/o	1.3	CWT.LIVE WGHT.	838.7	AVG. DRS. o/o	78.0
DRS.WT EQ.CWT	654.2	LB.DRS.WT/HOG	165.0	NO. HOG EQU.	396.4	AVERAGE INDEX	102.4
LBS.FD/HOG EQ	915.3	HOME FEED o/o	62.9	HOG RECPT.o/o	67.8	AVG.FEED CONV	4.3
LB.AVG.DLY.GN.	1.1	AV.DAYS ON FD	184.8				

ESTIMATED RETURNS AND COSTS OF HOG PRODUCTION IN ALBERTA
TYPE OF ENTERPRISE: FINISHING FOR: <100 HEAD

					TOTAL	PER *HOG SOLD	PER CWT DRESSED EQUIV.
RETURNS:							
49 *MARKET HOGS	81.5	CWT DRS	$	66.68/CWT	5436.16	110.94	62.48
SOWS		CWT DRS	$	/CWT			
BOARS		CWT DRS	$	/CWT			
*WEANERS		HEAD	$	/HEAD			
*FEEDERS		HEAD	$	/HEAD			
*BREEDING STOCK		HEAD	$	/HEAD			
GOVERNMENT SUPPORT PAYMENTS					313.13	6.39	3.60
INV.CHANGE(SOW,GIL,FDRS,WNR					320.84	6.55	3.69
OTHER RECEIPTS					135.67	2.77	1.56
TOTAL RETURNS					6205.80	126.65	71.33
FEED COSTS:							
BARLEY	20.7	TONNES	$	124.35/TONNE	2572.28	52.50	29.56
OTHER GRAINS	14.7	TONNES	$	112.12/TONNE	1643.06	33.53	18.88
/ DRY SOW RATION		TONNES	$	/TONNE			
/ NURSING SOW RATN		TONNES	$	/TONNE			
/ PRE-STARTER RATN		TONNES	$	/TONNE			
18 */* STARTER RATION	0.3	TONNES	$	352.00/TONNE	88.00	1.80	1.01
/ GROWER RATION		TONNES	$	/TONNE			
/ FINISHER RATION		TONNES	$	/TONNE			
/ PROTEIN SUPPLMNT		TONNES	$	/TONNE			
/ PROTEIN SUPPLMNT		TONNES	$	/TONNE			
/ RAPESEED MEAL		TONNES	$	/TONNE			
/ SOYABEAN MEAL		TONNES	$	/TONNE			
VIT.+MINERALS+SALT+LIMESTNE		TONNES	$	/TONNE			
FEED PROCESSING		TONNES	$	/TONNE			
FEED TRUCKING COSTS		TONNES	$	/TONNE			
OTHER FEED ITEMS		TONNES	$	/TONNE			
TOTAL FEED COSTS					4303.33	87.82	49.46
OTHER CASH COSTS:							
WEANERS	11.5	HEAD	$	28.00/HEAD	322.00	6.57	3.70
FEEDERS		HEAD	$	/HEAD			
GILTS		HEAD	$	/HEAD			
BOARS		HEAD	$	/HEAD			
BEDDING	13.9	TONNES	$	36.47/TONNE	507.50	10.36	5.83
VET.+MED.,CHEM.+DISINFECT.					144.00	2.94	1.66
MANURE DISPOSAL (IF HIRED)							
HIRED LABOUR		HOURS	$	/HOUR			
HOG TRUCKING COSTS					96.69	1.97	1.11
MARKETING & ASSEMBLY CHARG.					204.49	4.17	2.35
TAXES AND INSURANCES					200.00	4.08	2.30
MACH.BLDG.EQP. OPERTNG.+REP					807.10	16.47	9.28
ACCTNG.PROF.DUES + MISC.					7.50	0.15	0.09
INTEREST-OP.CSTS+LVSTK+FEED PURCH. (18*/*)					296.67	6.05	3.41
OTHER CASH COSTS					2585.95	52.77	29.72
TOTAL CASH COSTS					6889.29	140.60	79.18
NON-CASH COSTS:							
OPERATOR'S LABOUR	534.0	HOURS	$	6.50/HOUR	3471.00	70.84	39.89
FAMILY LABOUR		HOURS	$	/HOUR			
DEPRECIATION (BLDG.+EQUIP.)					1072.19	21.88	12.32
INTEREST ON INVESTMT(15*/*)					1437.81	29.34	16.53
TOTAL NON CASH COSTS					5980.99	122.06	68.74
TOTAL COSTS					12870.28	262.66	147.92

HEAD HANDLED	82.0	DEATHLOSS o/o	3.7	CWT.LIVE WGHT.	114.6	AVG. WGS. o/o	75.9
DRS.WT.EQ.CWT	87.0	LB.DRS.WT/HOG	166.4	NO. HOG EQU.	52.3	AVERAGE INDEX	98.0
LBS.FD/HOG EQ	1500.1	HOME FEED o/o	99.6	HOG NEED 1.o/o	10.8	AVG.FEED CONV	6.8
LB.AVG.DLY.GN.	0.7	AV.DAYS ON FD	298.7				

1 STAGE FINISHING AND COSTS OF HOG PRODUCTION IN ALBERTA

INT OF INTEGRATED FINISHING	FOR: 100 179 HEAD			TOTAL	$/HOG SOLD	$/CWT EQUIV.
RETURNS:						
145 +MARKET HOGS	253.9 CWT DRS	$ 65.06/CWT		16520.08	112.06	81.32
SOWS	0.9 CWT DRS	$ 46.47/CWT		42.94	0.29	0.21
BOARS	CWT DRS	$ 13.40/CWT		13.40	0.09	0.07
+WEANERS	HEAD	$ /HEAD				
+FEEDERS	HEAD	$ /HEAD				
+BREEDING STOCK	HEAD	$ /HEAD				
GOVERNMENT SUPPORT PAYMENTS				1855.70	12.44	9.08
INV.CHANGE(SOW,GIL,BRS,WNR				(841.74)	(5.64)	(4.10)
OTHER RECEIPTS				81.31	0.54	0.40
TOTAL RETURNS				17871.69	119.78	86.97
FEED COSTS:						
BARLEY	39.9 TONNES	$124.09/TONNE		4955.63	33.21	24.12
OTHER GRAINS	16.0 TONNES	$ 99.29/TONNE		1591.67	10.67	7.75
+/- DRY SOW RATION	TONNES	$ /TONNE				
+/- NURSING SOW RATN	TONNES	$ /TONNE				
+/- PRE STARTER RATN	TONNES	$ /TONNE				
10 +/- STARTER RATION	0.6 TONNES	$312.38/TONNE		176.65	1.18	0.86
16 +/- GROWER RATION	TONNES	$226.67/TONNE		1.70	0.01	0.01
+/- FINISHER RATION	TONNES	$ /TONNE				
40 +/- PROTEIN SUPPLMNT	4.4 TONNES	$398.31/TONNE		1744.61	11.69	8.49
-/+ PROTEIN SUPPLMNT	TONNES	$ /TONNE				
+/- RAPESEED MEAL	TONNES	$ /TONNE				
+/- SOYABEAN MEAL	TONNES	$ /TONNE				
VIT.+MINERALS+SALT+LIMESTNE	0.1 TONNES	$ /TONNE		28.78	0.19	0.14
FEED PROCESSING	TONNES	$ /TONNE				
FEED TRUCKING COSTS	2.9 TONNES	$ 8.62/TONNE		25.00	0.17	0.12
OTHER FEED ITEMS	0.4 TONNES	$ /TONNE		26.80	0.18	0.13
TOTAL FEED COSTS				8550.83	57.31	41.61
OTHER CASH COSTS:						
WEANERS	97.8 HEAD	$ 28.30/HEAD		2768.18	18.55	13.47
FEEDERS	40.2 HEAD	$ 37.46/HEAD		1505.85	10.09	7.33
GILTS	HEAD	$ /HEAD				
BOARS	HEAD	$ /HEAD				
BEDDING	5.6 TONNES	$ 20.02/TONNE		111.70	0.75	0.54
VET.+MED.,CHEM.+DISINFECT.				159.79	1.07	0.78
MANURE DISPOSAL (IF HIRED)				8.00	0.05	0.04
HIRED LABOUR	18.0 HOURS	$ 7.00/HOUR		126.00	0.84	0.61
HOG TRUCKING COSTS				247.54	1.66	1.20
MARKETING + ASSEMBLY CHARG.				917.41	6.15	4.46
TAXES AND INSURANCES				429.18	2.88	2.09
MACH.BLDG.EQP. OPERTNG.+REP				1483.06	9.94	7.22
ACCTNG.PROF.DUES + MISC.				58.35	0.39	0.28
INTEREST OP.CSTS,LVSTK+FEED PURCH. (18+/+)				736.47	4.94	3.58
OTHER CASH COSTS				8551.52	57.32	41.61
TOTAL CASH COSTS				17102.36	114.63	83.23
NON CASH COSTS:						
OPERATOR'S LABOUR	541.4 HOURS	$ 6.50/HOUR		3519.10	23.59	17.13
FAMILY LABOUR	8.1 HOURS	$ 3.25/HOUR		26.33	0.18	0.13
DEPRECIATION (BLDG.+EQUIP.)				1418.93	9.51	6.91
INTEREST ON INVESTMT(15+/+)				1452.74	9.74	7.07
TOTAL NON-CASH COSTS				6417.10	43.01	31.23
TOTAL COSTS				23519.45	157.64	114.45

HEAD HANDLED 235.8	DEATHLOSS O/O 2.5	CWT.LIVE WGHT. 262.7	AVG. DRS. O/O	78.2	
DRS.WT.EQ.CWT 205.5	LB.DRS.WT/HOG 170.2	NO. HOG EQU. 120.8	AVERAGE INDEX	100.0	
LBS.FD/HOG EQ 1138.3	HOME FEED O/O 95.0	HOG RECPT.O/O 46.7	AVG.FEED CONV	5.2	
LB.AVG.DLY.GN. 0.9	AV.DAYS ON FD 241.7				

ESTIMATED RETURNS AND COSTS OF HOG PRODUCTION IN ALBERTA

TYPE OF ENTERPRISE: FINISHING FOR: 200 499 HEAD

				TOTAL	PER *HOG SOLD	PER CWT DRESSED EQUIV.
RETURNS:						
306 *MARKET HOGS	509.6	CWT DRS	$ 70.08/CWT	35716.71	116.63	89.17
SOWS	0.3	CWT DRS	$ 64.64/CWT	16.32	0.05	0.04
BOARS		CWT DRS	$ /CWT			
*WEANERS		HEAD	$ /HEAD			
*FEEDERS		HEAD	$ /HEAD			
*BREEDING STOCK	0.3	HEAD	$150.00/HEAD	37.50	0.12	0.09
GOVERNMENT SUPPORT PAYMENTS				4340.64	14.17	10.84
INV.CHANGE(SOW,GIL,FDRS,WNR				982.67	3.21	2.45
OTHER RECEIPTS				215.47	0.70	0.54
TOTAL RETURNS				41309.32	134.89	103.13
FEED COSTS:						
BARLEY	93.7	TONNES	$129.37/TONNE	12119.54	39.57	30.26
OTHER GRAINS	8.3	TONNES	$136.80/TONNE	1134.50	3.70	2.83
/ DRY SOW RATION		TONNES	$ /TONNE			
/ NURSING SOW RATN		TONNES	$ /TONNE			
/ PRE-STARTER RATN		TONNES	$ /TONNE			
18 */* STARTER RATION	0.7	TONNES	$292.09/TONNE	200.81	0.66	0.50
16 */* GROWER RATION	19.7	TONNES	$189.45/TONNE	3738.25	12.21	9.33
/ FINISHER RATION		TONNES	$ /TONNE			
40 */* PROTEIN SUPPLMNT	6.6	TONNES	$391.96/TONNE	2597.73	8.48	6.49
/ PROTEIN SUPPLMNT		TONNES	$ /TONNE			
/ RAPESEED MEAL		TONNES	$ /TONNE			
/ SOYABEAN MEAL		TONNES	$ /TONNE			
VIT.+MINERALS+SALT+LIMESTNE	0.2	TONNES	$ /TONNE	82.83	0.27	0.21
FEED PROCESSING	12.5	TONNES	$ 3.71/TONNE	46.53	0.15	0.12
FEED TRUCKING COSTS	22.5	TONNES	$ 13.71/TONNE	308.30	1.01	0.77
OTHER FEED ITEMS	3.3	TONNES	$ /TONNE	256.29	0.84	0.64
TOTAL FEED COSTS				20484.80	66.89	51.14
OTHER CASH COSTS:						
WEANERS	265.7	HEAD	$ 39.54/HEAD	10505.36	34.30	26.23
FEEDERS	75.0	HEAD	$ 47.96/HEAD	3597.12	11.75	8.98
GILTS	0.8	HEAD	$ 75.30/HEAD	62.75	0.20	0.16
BOARS	0.6	HEAD	$ 63.71/HEAD	37.17	0.12	0.09
BEDDING	6.8	TONNES	$ 29.99/TONNE	204.17	0.67	0.51
VET.+MED.,CHEM.+DISINFECT.				297.50	0.97	0.74
MANURE DISPOSAL (IF HIRED)				17.08	0.06	0.04
HIRED LABOUR		HOURS	$ /HOUR			
HOG TRUCKING COSTS				478.38	1.56	1.19
MARKETING + ASSEMBLY CHARG.				1186.67	3.87	2.96
TAXES AND INSURANCES				586.53	1.92	1.46
MACH.BLDG.EQP. OPERTNG.+REP				2283.36	7.46	5.70
ACCTNG.PROF.DUES + MISC.				142.33	0.46	0.36
INTEREST OP.CSTS+LVSTK+FEED PURCH. (18*/*)				1790.25	5.85	4.47
OTHER CASH COSTS				21188.66	69.19	52.90
TOTAL CASH COSTS				41673.46	136.08	104.04
NON-CASH COSTS:						
OPERATOR'S LABOUR	763.9	HOURS	$ 6.50/HOUR	4965.46	16.21	12.40
FAMILY LABOUR	23.8	HOURS	$ 3.25/HOUR	77.19	0.25	0.19
DEPRECIATION (BLDG.+EQUIP.)				3040.73	9.93	7.59
INTEREST ON INVESTMT(15*/*)				2897.78	9.46	7.23
TOTAL NON-CASH COSTS				10981.15	35.86	27.41
TOTAL COSTS				52654.61	171.93	131.45

HEAD HANDLED	512.5	DEATHLOSS %/D	2.6	CWT.LIVE WGHT.	513.8	AVG. DRS. %/D	78.0
DRS.WT.EQ.CWT	400.6	LB.DRS.WT/HOG	166.5	NO. HOG EQU.	240.5	AVERAGE INDEX	100.8
LBS.FD/HOG EQ	1207.1	HOME FEED %/D	51.9	HOG RECEIT.%/D	64.4	AVG.FEED CONV	5.7
LB.AVG.DLY.GN.	0.9	AV.DAYS ON FD	243.8				

ESTIMATED RETURNS AND COSTS OF HOG PRODUCTION IN ALBERTA

TYPE OF ENTERPRISE: FINISHING FOR: 500-999 HEAD

				TOTAL	PER *HOG SOLD	PER CWT DRESSED EQUIV.
RETURNS:						
712 *MARKET HOGS	1186.3	CWT DRS	$ 69.82/CWT	82830.90	116.03	83.77
SOWS		CWT DRS	$ /CWT			
BOARS	0.3	CWT DRS	$ 23.41/CWT	7.52	0.01	0.01
*WEANERS		HEAD	$ /HEAD			
1 *FEEDERS	1.1	HEAD	$ 48.04/HEAD	54.90	0.08	0.06
1 *BREEDING STOCK	0.6	HEAD	$110.00/HEAD	68.10	0.10	0.07
GOVERNMENT SUPPORT PAYMENTS				8240.26	11.54	8.33
INV.CHANGE(SOW,GIL,FDRS,WNR				3587.17	5.02	3.63
OTHER RECEIPTS				106.72	0.15	0.11
TOTAL RETURNS				94895.57	132.92	95.98
FEED COSTS:						
BARLEY	130.2	TONNES	$124.27/TONNE	16174.22	22.66	16.36
OTHER GRAINS	4.5	TONNES	$163.94/TONNE	735.15	1.03	0.74
/ DRY SOW RATION		TONNES	$ /TONNE			
/ NURSING SOW RATN		TONNES	$ /TONNE			
/ PRE-STARTER RATN		TONNES	$ /TONNE			
10 */* STARTER RATION	8.0	TONNES	$260.12/TONNE	2069.16	2.90	2.09
16 */* GROWER RATION	57.1	TONNES	$199.86/TONNE	11408.30	15.98	11.54
14 */* FINISHER RATION	9.7	TONNES	$195.67/TONNE	1898.10	2.66	1.92
40 */* PROTEIN SUPPLMNT	6.1	TONNES	$379.78/TONNE	2324.83	3.26	2.35
/ PROTEIN SUPPLMNT		TONNES	$ /TONNE			
48 */* RAPESEED MEAL	2.0	TONNES	$216.86/TONNE	436.81	0.61	0.44
40 */* SOYABEAN MEAL	0.7	TONNES	$389.97/TONNE	255.52	0.36	0.26
VIT.+MINERALS+SALT+LIMESTNE	1.1	TONNES	$ /TONNE	523.34	0.73	0.53
FEED PROCESSING	12.8	TONNES	$ 1.11/TONNE	14.19	0.02	0.01
FEED TRUCKING COSTS	28.2	TONNES	$ 3.81/TONNE	107.62	0.15	0.11
OTHER FEED ITEMS	0.1	TONNES	$ /TONNE	99.60	0.14	0.10
TOTAL FEED COSTS				36046.82	50.49	36.46
OTHER CASH COSTS:						
WEANERS	509.5	HEAD	$ 39.34/HEAD	20044.51	28.08	20.27
FEEDERS	285.8	HEAD	$ 48.07/HEAD	13738.92	19.24	13.90
GILTS		HEAD	$ /HEAD			
BOARS		HEAD	$ /HEAD			
BEDDING	3.5	TONNES	$ 24.68/TONNE	87.19	0.12	0.09
VET.+MED.,CHEM.+DISINFECT.				372.03	0.52	0.38
MANURE DISPOSAL (IF HIRED)						
HIRED LABOUR	15.7	HOURS	$ 5.00/HOUR	78.57	0.11	0.08
HOG TRUCKING COSTS				832.67	1.17	0.84
MARKETING + ASSEMBLY CHARG.				2681.21	3.76	2.71
TAXES AND INSURANCES				1929.44	2.70	1.95
MACH.BLDG.EQP. OPERTNG.+REP				4608.06	6.45	4.66
ACCTNG.PROF.DUES + MISC.				426.86	0.60	0.43
INTEREST OF.CSTS,LVSTK+FEED PURCH. (10*/*)				3638.08	5.10	3.68
OTHER CASH COSTS				48437.52	67.85	48.99
TOTAL CASH COSTS				84484.34	118.34	85.45
NON-CASH COSTS:						
OPERATOR'S LABOUR	883.9	HOURS	$ 6.50/HOUR	6055.37	8.48	6.12
FAMILY LABOUR	56.4	HOURS	$ 3.25/HOUR	183.54	0.26	0.19
DEPRECIATION (BLDG.+EQUIP.)				4972.78	6.97	5.03
INTEREST ON INVESTMT(15*/*)				5922.61	8.30	5.99
TOTAL NON-CASH COSTS				17134.30	24.00	17.33
TOTAL COSTS				101618.64	142.34	102.78

HEAD HANDLED	1073.8	DEATHLOSS o/o	2.3	CWT.LIVE WGHT.	1254.7	AVG. DRS. o/o	78.8
DRS.WT.EQ.CWT	988.7	LB.DRS.WT/HOG	166.6	NO. HOG EQU.	593.6	AVERAGE INDEX	101.8
LBS.FD/HOG EQ	865.5	HOME FEED o/o	50.2	HOG RECPT.o/o	65.9	AVG.FEED CONV	4.1
LB.AVG.DLY.GN.	1.1	AV.DAYS ON FD	188.9				

ESTIMATED RETURNS AND COSTS OF HOG PRODUCTION IN ALBERTA

TYPE OF ENTERPRISE: FINISHING FOR: 1000-1499 HEAD

				TOTAL	PER *HOG SOLD	PER CWT DRESSED EQUIV.
RETURNS:						
1100 *MARKET HOGS	1985.2	CWT DRS	$ 69.53/CWT	138031.67	116.08	85.53
5 SOWS	10.5	CWT DRS	$ 58.08/CWT	608.29	0.51	0.38
1 BOARS	3.4	CWT DRS	$ 55.22/CWT	189.83	0.16	0.12
1 *WEANERS	0.8	HEAD	$ 25.00/HEAD	20.83	0.02	0.01
*FEEDERS		HEAD	$ /HEAD			
*BREEDING STOCK		HEAD	$ /HEAD			
GOVERNMENT SUPPORT PAYMENTS				16497.44	13.87	10.22
INV.CHANGE(SOW,OIL,FDRS,WNR				2805.81	2.36	1.74
OTHER RECEIPTS				336.04	0.28	0.21
TOTAL RETURNS				158489.92	133.29	98.20
FEED COSTS:						
BARLEY	137.2	TONNES	$123.75/TONNE	16981.21	14.28	10.52
OTHER GRAINS	0.9	TONNES	$161.62/TONNE	146.67	0.12	0.09
/ DRY SOW RATION		TONNES	$ /TONNE			
/ NURSING SOW RATN		TONNES	$ /TONNE			
/ PRE-STARTER RATN		TONNES	$ /TONNE			
18 */* STARTER RATION	15.6	TONNES	$261.44/TONNE	4079.77	3.43	2.53
16 */* GROWER RATION	177.2	TONNES	$197.86/TONNE	35052.72	29.48	21.72
14 */* FINISHER RATION	14.0	TONNES	$156.00/TONNE	2184.00	1.84	1.35
40 */* PROTEIN SUPPLMNT	11.4	TONNES	$359.03/TONNE	4086.92	3.44	2.53
/ PROTEIN SUPPLMNT		TONNES	$ /TONNE			
/ RAPESEED MEAL		TONNES	$ /TONNE			
47 */* SOYABEAN MEAL	3.0	TONNES	$364.64/TONNE	1086.33	0.91	0.67
VIT.+MINERALS+SALT+LIMESTNE	0.9	TONNES	$ /TONNE	321.71	0.27	0.20
FEED PROCESSING		TONNES	$ /TONNE			
FEED TRUCKING COSTS	26.8	TONNES	$ 7.78/TONNE	208.54	0.18	0.13
OTHER FEED I.&MS	1.0	TONNES	$ /TONNE	82.25	0.07	0.05
TOTAL FEED COSTS				64230.11	54.02	39.80
OTHER CASH COSTS:						
WEANERS	799.0	HEAD	$ 41.11/HEAD	32850.75	27.63	20.35
FEEDERS	393.0	HEAD	$ 44.74/HEAD	17582.73	14.79	10.89
GILTS		HEAD	$ /HEAD			
BOARS	0.4	HEAD	$275.00/HEAD	114.58	0.10	0.07
BEDDING	1.0	TONNES	$ 40.05/TONNE	41.75	0.04	0.03
VET.+MED.,CHEM.+DISINFECT.				711.11	0.60	0.44
MANURE DISPOSAL (IF HIRED)				4.18		
HIRED LABOUR		HOURS	$ /HOUR			
HOG TRUCKING COSTS				1613.72	1.36	1.00
MARKETING & ASSEMBLY CHARG.				4288.13	3.61	2.66
TAXES AND INSURANCES				2586.84	2.18	1.60
MACH.BLDG.EQP. OPERTNG.+REP				6556.35	5.51	4.06
ACCTNG,PROF.DUES + MISC.				361.18	0.30	0.22
INTEREST-OP.CSTS,LVSTK+FEED PURCH. (10+/+)				5887.21	4.95	3.65
OTHER CASH COSTS				72598.52	61.05	44.98
TOTAL CASH COSTS				136828.64	115.07	84.78
NON-CASH COSTS:						
OPERATOR'S LABOUR	1217.4	HOURS	$ 6.50/HOUR	7913.21	6.65	4.90
FAMILY LABOUR	119.2	HOURS	$ 3.25/HOUR	387.29	0.33	0.24
DEPRECIATION (BLDG.+EQUIP.)				5610.13	4.72	3.48
INTEREST ON INVESTMT(15+/+)				7143.64	6.01	4.43
TOTAL NON-CASH COSTS				21054.26	17.71	13.05
TOTAL COSTS				157882.90	132.78	97.83

HEAD HANDLED	1816.7	DEATHLOSS O/O	2.6	CWT.LIVE WGHT.	2047.7	AVG. DRS. O/O	78.8
DRS.WT.EQ.CWT	1613.9	LB.DRS.WT/HOG	167.1	NO. HOG EQU.	966.0	AVERAGE INDEX	103.0
LBS.FD/HOG EQ	830.1	HOME FEED O/O	29.2	HOG RECPT.O/O	40.6	AVG.FEED CONV	3.9
LB.AVG.DLY.GN.	1.0	AV.DAYS ON FD	210.1				

ESTIMATED RETURNS AND COSTS OF HOG PRODUCTION IN ALBERTA

TYPE OF ENTERPRISE: FINISHING FOR: 1500 HEAD

			TOTAL	$/HOG SOLD	$/CWT DRESSED EQUIV.
RETURNS:					
2392 *MARKET HOGS	3946.3 CWT DRS	$ 68.74/CWT	271251.78	113.39	79.01
11 SOWS	29.4 CWT DRS	$ 59.27/CWT	1742.10	0.73	0.51
BOARS	0.5 CWT DRS	$ 57.99/CWT	27.40	0.01	0.01
*WEANERS	HEAD	$ /HEAD			
*FEEDERS	HEAD	$ /HEAD			
*BREEDING STOCK	HEAD	$ /HEAD			
GOVERNMENT SUPPORT PAYMENTS			33296.68	13.92	9.70
INV.CHANGE(SOW,GIL,BORS,WNR			22566.96	9.43	6.57
OTHER RECEIPTS					
TOTAL RETURNS			328884.91	137.48	95.80
FEED COSTS:					
BARLEY	471.0 TONNES	$125.55/TONNE	59135.03	24.72	17.22
OTHER GRAINS	12.0 TONNES	$165.34/TONNE	1984.13	0.83	0.58
/ DRY SOW RATION	TONNES	$ /TONNE			
/ NURSING SOW RATN	TONNES	$ /TONNE			
/ PRE-STARTER RATN	TONNES	$ /TONNE			
17 */* STARTER RATION	77.0 TONNES	$270.11/TONNE	20788.00	8.69	6.06
16 */* GROWER RATION	141.3 TONNES	$208.28/TONNE	29426.00	12.30	8.57
/ FINISHER RATION	TONNES	$ /TONNE			
40 */* PROTEIN SUPPLMNT	24.0 TONNES	$348.00/TONNE	8352.00	3.49	2.43
33 */* PROTEIN SUPPLMNT	1.5 TONNES	$455.60/TONNE	683.40	0.29	0.20
/ RAPESEED MEAL	TONNES	$ /TONNE			
38 */* SOYABEAN MEAL	13.2 TONNES	$375.00/TONNE	4950.00	2.07	1.44
VIT.+MINERALS+SALT+LIMESTNE	3.5 TONNES	$ /TONNE	2275.00	0.95	0.66
FEED PROCESSING	TONNES	$ /TONNE			
FEED TRUCKING COSTS	TONNES	$418.00/TONNE	418.00	0.17	0.12
OTHER FEED ITEMS	TONNES	$ /TONNE			
TOTAL FEED COSTS			128011.55	53.51	37.29
OTHER CASH COSTS:					
WEANERS	1665.0 HEAD	$ 43.35/HEAD	72171.16	30.17	21.02
FEEDERS	1222.6 HEAD	$ 43.29/HEAD	52922.60	22.12	15.42
GILTS	8.8 HEAD	$149.66/HEAD	1317.00	0.55	0.38
BOARS	HEAD	$ /HEAD			
BEDDING	9.8 TONNES	$ 22.04/TONNE	216.00	0.09	0.06
VET.+MED.,CHEM.+DISINFECT.			4027.90	1.68	1.17
MANURE DISPOSAL (IF HIRED)			400.00	0.17	0.12
HIRED LABOUR	681.6 HOURS	$ 6.01/HOUR	4093.40	1.71	1.19
HOG TRUCKING COSTS			1518.66	0.63	0.44
MARKETING & ASSEMBLY CHARG.			9907.35	4.14	2.89
TAXES AND INSURANCES			9168.26	3.83	2.67
MACH.BLDG.EQP. OPERTNG.+REP			9572.11	4.00	2.79
ACCTNG,PROF.DUES + MISC.			2634.20	1.10	0.77
INTEREST OP.CSTS,LVSTK+FEED PURCH. (18-/*)			13258.94	5.54	3.86
OTHER CASH COSTS			181207.57	75.75	52.78
TOTAL CASH COSTS			309219.13	129.26	90.07
NON CASH COSTS:					
OPERATOR'S LABOUR	1938.2 HOURS	$ 6.50/HOUR	12598.30	5.27	3.67
FAMILY LABOUR	332.4 HOURS	$ 6.30/HOUR	2095.60	0.88	0.61
DEPRECIATION (BLDG.+EQUIP.)			17265.97	7.22	5.03
INTEREST ON INVESTMT(15*/*)			24235.85	10.13	7.06
TOTAL NON CASH COSTS			56195.72	23.49	16.37
TOTAL COSTS			365414.85	152.75	106.44

HEAD HANDLED 3948.6	DEATHLOSS o/o 5.6	CWT.LIVE WGHT.4397.3	AVG. DRS. o/o 78.1		
DRS.WT.EQ.CWT 3433.1	LB.DRS.WT/HOG 165.0	NO. HOG EQU. 2081.1	AVERAGE INDEX 101.5		
LBS.FD/HOG EQ 812.9	HOME FEED o/o 31.9	HOG RECPT.o/o 85.8	AVG.FEED CONV 3.8		
LB.AVG.DLY.GN. 1.0	AV.DAYS ON FD 216.3				

POOR

QUALITY

ORIGINAL